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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

WURTSMITH AFB, MI

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723

**FEBRUARY 1991**

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17 SEP 1991

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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

CONTENTS

INTRODUCTION.....	1
STATION PERIOD OF RECORD.....	1
DATA SOURCES.....	1
TERMS EXPLAINED.....	1
TIME CONVENTIONS.....	2
ABBREVIATIONS.....	2
SUMMARY DESCRIPTIONS.....	2
STATION HISTORY.....	3
PART A - ATMOSPHERIC PHENOMENA SUMMARIES.....	A-1-1
SPECIFIED PHENOMENA	
PERCENT OCCURRENCE FREQUENCY (FROM HOURLY OBS).....	A-2-1
PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	A-3-1
PERCENT OCCURRENCE FREQUENCY (THUNDERSTORMS).....	A-4-1
VERSUS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.....	A-5-1
PART B - PRECIPITATION, SNOWFALL, AND SNOW DEPTH.....	B-1-1
PRECIPITATION	
PERCENT OCCURRENCE FREQUENCY.....	B-2-1
MONTHLY TOTALS.....	B-2-2
DAILY EXTREMES.....	B-2-3
SNOWFALL	
PERCENT OCCURRENCE FREQUENCY.....	B-3-1
MONTHLY TOTALS.....	B-3-2
DAILY EXTREMES.....	B-3-3
SNOW DEPTH	
PERCENT OCCURRENCE FREQUENCY.....	B-4-1
DAILY EXTREMES.....	B-4-2
SNOWFALL/SNOW DEPTH	
FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR.....	B-5-1
PART C - SURFACE WIND	
PEAK WINDS (FROM SOD DATA).....	C-2-1
PEAK WINDS--PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	C-3-1
WIND DIRECTION VS WIND SPEED--POF (FROM HOURLY OBS).....	C-4-1
PART D - CEILING, VISIBILITY AND SKY COVER	
CEILING VS VISIBILITY--POF (FROM HOURLY OBS).....	D-2-1
SKY COVER--POF (FROM HOURLY OBS).....	D-3-1

PART E - TEMPERATURE AND RELATIVE HUMIDITY.....	E-1-1
TEMPERATURES--CUMULATIVE POF (FROM SOD DATA)	
MAXIMA.....	E-2-1
MINIMA.....	E-2-2
MEAN.....	E-2-3
MONTHLY TEMPERATURES (FROM SOD DATA)	
MAXIMA.....	E-3-1
MINIMA.....	E-3-2
MEAN.....	E-4-1
DRY BULB, WET BULB, DEW POINT TEMPERATURES (FROM HOURLY OBS)	
DRY BULB.....	E-5-1
WET BULB.....	E-5-2
DEW POINT.....	E-5-3
RELATIVE HUMIDITY (FROM HOURLY OBS)	
CUMULATIVE PERCENT OCCURRENCE FREQUENCY.....	E-6-1
PART F - PRESSURE (FROM HOURLY OBS).....	F-1-1
SEA LEVEL PRESSURE.....	F-2-1
ALTIMETER SETTING.....	F-3-1
STATION PRESSURE.....	F-4-1
PART G - CROSSWIND SUMMARIES (FROM HOURLY OBS).....	G-1-1
PERCENT OCCURRENCE FREQUENCY.....	G-2-1
PART H - DEGREE DAY SUMMARIES (FROM HOURLY OBS).....	H-1-1
HEATING DEGREE DAYS.....	H-2-1
COOLING DEGREE DAYS.....	H-3-1

*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: AUG 80 - JUL 90 (AIRWAYS).

SUMMARY OF DAY DATA: AUG 43 - AUG 45, JAN 51 - JUL 90 (FULL TIME).

SUMMARY OF DAY DATA: SEP 45 - OCT 45 (PART TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTTTT	AAAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPPPP	AA AA	RRRRRRRRRR	TT	AA AA
PPPPPPPPPP	AAAAAAAAAA	RRRRRRRRRR	TT	AAAAAAAAAA
PP	AAAAAAAAAA	RR RR	TT	AAAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

A - 1 - 1

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALI, OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	2.0	.9	28.0		30.9	14.0	.6	5.4		50.9	930
03-05		2.5	1.2	28.3		31.9	15.7	.9	4.5		53.0	930
06-08		3.8	.6	25.8		30.2	19.9	1.0	3.1		54.2	930
09-11		3.0	.1	25.8		28.9	20.3	2.9	3.8		55.9	930
12-14		3.1	.2	22.0		25.4	15.4	5.1	5.4		51.2	930
15-17		2.2		20.3		22.5	14.1	5.5	5.5		47.5	930
18-20		2.0	.4	23.7		26.1	13.4	3.2	5.9		48.7	930
21-23		1.4	.6	27.5		29.6	14.4	1.1	5.7		50.8	930
ALL HOURS	.0	2.5	.5	25.2		28.2	15.9	2.5	4.9		51.5	7440

MONTH: FEB

00-02		4.1	1.1	20.2		25.4	21.5	.9	2.7		50.6	846
03-05		4.0	.4	23.6		28.0	21.7	.9	2.7		53.4	846
06-08		3.4	.7	25.1		29.2	23.2	1.3	3.9		57.6	846
09-11		4.6	.9	24.5		30.0	24.9	3.7	4.7		63.4	846
12-14		2.4	.6	24.7		27.7	15.7	5.2	5.3		53.9	846
15-17		1.8	1.1	19.7		22.6	15.7	8.3	3.7		50.2	846
18-20		2.7	1.5	19.3		23.5	19.5	5.6	2.0		50.6	846
21-23		4.3	1.1	20.0		25.3	21.5	1.4	2.0		50.2	846
ALL HOURS		3.4	.9	22.1		26.5	20.5	3.4	3.4		53.7	6768

A - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	6.3	.5	13.7		20.5	19.4	1.2	2.0		43.1	930
03-05		5.9	.3	16.8		23.0	20.5	1.5	3.0		48.1	930
06-08	.1	5.3	1.0	17.4		23.7	23.7	1.7	2.6		51.6	930
09-11	.2	7.0	1.0	15.1		23.0	20.8	5.2	3.1		52.0	930
12-14	.1	8.1	.4	11.7		20.2	17.5	6.0	2.3		46.0	930
15-17		7.2	.3	10.4		18.0	16.8	7.8	1.4	.2	44.2	930
18-20	.2	6.1	.2	9.2		15.6	16.3	8.3	1.3		41.5	930
21-23	.6	8.1	.5	9.4		18.0	17.2	3.5	1.8		40.5	930
ALL HOURS	.2	6.7	.5	13.0		20.2	19.0	4.4	2.2	.0	45.9	7440

MONTH: APR

00-02	.6	13.0		4.9		17.9	13.9	2.8	.6		35.1	900
03-05	.1	13.4		5.9		19.3	18.6	2.6	.3		40.8	900
06-08	.4	11.6		5.2		16.8	20.9	4.4	.6		42.7	900
09-11	.1	9.6		5.1		14.7	14.3	3.8	.3		33.1	900
12-14	.1	9.8		4.1		13.9	10.7	3.4	.3		28.3	900
15-17	.4	10.9		3.4		14.3	11.7	4.9		.2	31.1	900
18-20	.6	11.4		5.0		16.4	13.7	4.0		.1	34.2	900
21-23	.3	10.9		5.1		16.0	12.6	2.4	.3		31.3	900
ALL HOURS	.3	11.3		4.8		16.2	14.5	3.5	.3	.0	34.6	7200

A - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.4	11.8		.3		12.2	19.6	3.3			35.1	930
03-05	.8	10.5				10.5	23.3	2.4			36.2	930
06-08	.5	11.4		.1		11.5	24.5	4.7			40.8	930
09-11	.4	9.7		.2		9.9	14.8	5.5			30.2	930
12-14	1.0	10.4		.2		10.6	11.3	7.2		.2	29.4	930
15-17	1.3	9.4				9.4	10.5	10.1		.2	30.2	930
18-20	1.4	9.0		.3		9.4	12.3	9.5			31.1	930
21-23	.6	11.3		.3		11.6	17.0	4.7			33.3	930
ALL HOURS	.8	10.4		.2		10.6	16.7	5.9		.1	33.3	7440

MONTH: JUN

00-02	1.8	7.8				7.8	16.1	5.9			29.8	900
03-05	.8	8.0				8.0	20.4	4.9			33.3	900
06-08	.7	9.7				9.7	19.1	7.1			35.9	900
09-11	.9	7.7				7.7	11.1	8.4			27.2	900
12-14	1.7	6.3				6.3	7.4	9.0			22.8	900
15-17	3.1	8.9				8.9	8.1	10.4		.3	27.8	900
18-20	3.1	7.7				7.7	8.2	10.7		.2	26.8	900
21-23	1.6	7.3				7.3	13.6	7.0			27.9	900
ALL HOURS	1.7	7.9				7.9	13.0	7.9		.1	28.9	7200

A - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.2	2.5				2.5	15.4	12.7			30.5	930
03-05	.3	2.8				2.8	21.1	12.7			36.6	930
06-08	.8	4.2				4.2	18.6	14.6			37.4	930
09-11	1.2	4.7				4.7	8.7	14.4			27.8	930
12-14	2.0	3.5				3.5	3.5	17.4			24.5	930
15-17	4.7	6.7				6.7	3.8	18.9			29.4	930
18-20	3.1	5.7				5.7	5.9	17.6			29.2	928
21-23	1.9	4.0				4.0	12.3	12.7			29.0	927
ALL HOURS	1.9	4.3				4.3	11.2	15.1			30.6	7435

MONTH: AUG

00-02	2.2	6.6				6.6	22.5	8.4			37.4	930
03-05	1.5	7.0				7.0	29.1	6.7			42.8	930
06-08	1.3	8.2				8.2	35.6	8.9			52.7	930
09-11	.4	5.1				5.1	17.6	14.5			37.2	930
12-14	2.3	7.6				7.6	8.8	17.6			34.1	930
15-17	3.8	8.5				8.5	6.6	18.6			33.7	930
18-20	3.5	8.0				8.0	9.7	18.5			36.1	930
21-23	2.9	5.6				5.6	17.5	14.1			37.2	930
ALL HOURS	2.2	7.1				7.1	18.4	13.4			38.9	7440

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB/OSCODA MI PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 5 MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.4	10.2				10.2	24.4	6.9			41.6	900
03-05	1.4	11.4				11.4	29.6	5.3			46.3	900
06-08	1.2	11.3				11.3	36.7	8.3			56.3	900
09-11	1.1	11.9				11.9	25.1	12.6			49.6	900
12-14	.4	9.3				9.3	15.0	16.3			40.7	900
15-17	.7	10.6				10.6	13.8	17.4			41.8	900
18-20	1.6	10.2				10.2	18.3	15.3			43.9	900
21-23	1.0	9.3				9.3	21.2	9.0			39.6	900
ALL HOURS	1.1	10.5				10.5	23.0	11.4			45.0	7200

MONTH: OCT

00-02	.2	9.8		1.0		10.8	19.2	2.9			32.9	930
03-05	.2	10.6		1.7		12.4	21.1	2.4			35.8	930
06-08	.1	12.4		1.6		14.0	27.5	2.9			44.4	930
09-11	.3	11.9		.8		12.7	21.0	5.1			38.7	930
12-14	.2	10.2		1.2		11.4	13.1	6.9			31.4	930
15-17	.2	12.5		.8		13.2	12.3	7.2			32.7	930
18-20	.1	11.5		1.3		12.8	14.2	5.3			32.3	930
21-23	.2	11.2		1.8		13.0	16.0	3.4			32.5	930
ALL HOURS	.2	11.3		1.3		12.5	18.1	4.5			35.1	7440

A - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV

HOURS (LST)	TSIMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	10.9		7.0		17.9	22.9	3.8	.6		45.1	900
03-05	.2	9.8	.2	10.1		20.1	23.9	2.1	.1		46.2	900
06-08		11.8	.4	10.8		23.0	26.0	2.1			51.1	900
09-11	.2	12.3		10.2		22.6	24.3	5.2	.6		52.7	900
12-14		11.2		7.3		18.6	17.6	6.6	.7		43.3	900
15-17	.1	13.2		6.6		19.8	17.3	8.9	.9		46.9	900
18-20	.4	13.0		8.2		21.2	20.9	6.8	1.0		49.9	900
21-23	.1	11.6		11.7		23.2	20.9	4.7	.8		49.6	900
ALL HOURS	.2	11.7	.1	9.0		20.8	21.7	5.0	.6		48.1	7200

MONTH: DEC

00-02		6.1	1.5	24.6		32.3	17.4	1.4	1.3		52.4	930
03-05		7.2	1.2	25.7		34.1	19.1	.9	1.7		55.8	930
06-08		6.2	1.2	29.7		37.1	20.6	.9	2.8		61.4	930
09-11	.2	5.7	.6	27.8		34.2	23.1	2.8	2.8		62.9	930
12-14		5.5	.4	23.0		28.9	18.2	4.2	3.0		54.3	930
15-17	.2	5.6	.9	18.7		25.2	16.8	5.8	1.9		49.7	930
18-20	.1	4.6	1.1	21.2		26.9	16.0	3.7	2.0		48.6	930
21-23		5.8	1.1	23.2		30.1	16.1	2.8	2.6		51.6	930
ALL HOURS	.1	5.8	1.0	24.2		31.1	18.4	2.8	2.3		54.6	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB/OSCODA MI PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 5 HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.0	2.5	.5	25.2		28.2	15.9	2.5	4.9		51.5	7440
FEB		3.4	.9	22.1		26.5	20.5	3.4	3.4		53.7	6768
MAR	.2	6.7	.5	13.0		20.2	19.0	4.4	2.2	.0	45.9	7440
APR	.3	11.3		4.8		16.2	14.5	3.5	.3	.0	34.6	7200
MAY	.8	10.4		.2		10.6	16.7	5.9		.1	33.3	7440
JUN	1.7	7.9				7.9	13.0	7.9		.1	28.9	7200
JUL	1.9	4.3				4.3	11.2	15.1			30.6	7435
AUG	2.2	7.1				7.1	18.4	13.4			38.9	7440
SEP	1.1	10.5				10.5	23.0	11.4			45.0	7200
OCT	.2	11.3		1.3		12.5	18.1	4.5			35.1	7440
NOV	.2	11.7	.1	9.0		20.8	21.7	5.0	.6		48.1	7200
DEC	.1	5.8	1.0	24.2		31.1	18.4	2.8	2.3		54.6	7440
ANNUAL	.7	7.8	.3	8.3		16.3	17.5	6.7	1.1	.0	41.6	87643

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.3	20.6	7.2	70.3		78.9	34.3	23.8	14.7		86.4	1287
FEB	.2	20.2	6.9	64.2		73.1	34.4	26.9	11.3		81.6	1166
MAR	3.5	31.8	5.6	46.8	.3	64.2	37.4	24.1	8.6		72.5	1278
APR	7.3	45.3	.4	21.5	.9	56.1	34.9	18.1	1.3		63.0	1230
MAY	13.0	51.3		3.3	.7	52.1	33.2	21.4			60.6	1283
JUN	21.0	49.9			.5	49.9	39.0	29.0			62.4	1233
JUL	22.9	42.2			.8	42.2	38.2	33.5			61.3	1264
AUG	19.5	46.5			.7	46.5	45.4	37.5			66.4	1230
SEP	13.9	54.0		.3	.4	54.0	44.8	31.6			70.3	1214
OCT	4.7	49.7		7.8	.3	52.5	41.2	27.0	.1		70.1	1239
NOV	1.7	44.4	.7	39.0		68.1	42.6	24.8	2.5		80.1	1216
DEC	.5	29.0	7.7	66.7	.1	79.0	36.1	22.1	9.1		85.2	1251
ANNUAL	9.1	40.4	2.4	26.7	.4	59.7	38.4	26.6	4.0		71.6	14891

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	.2		.3	.6	.4	1.8	1.2	2.2	1.4	.2	.1	
03-05				.1	.8	.8	.3	1.5	1.4	.2	.2	
06-08			.1	.4	.5	.7	.8	1.3	1.2	.1		
09-11			.2	.1	.4	.9	1.2	.4	1.1	.3	.2	.2
12-14			.1	.1	1.0	1.7	2.0	2.3	.4	.2		
15-17				.4	1.3	3.1	4.7	3.8	.7	.2	.1	.2
18-20			.2	.6	1.4	3.1	3.1	3.5	1.6	.1	.4	.1
21-23			.6	.3	.6	1.6	1.9	2.9	1.0	.2	.1	
ALL HOURS	.0		.2	.3	.8	1.7	1.9	2.2	1.1	.2	.2	.1
TOTAL OBS	7440	6768	7440	7200	7440	7200	7435	7440	7200	7440	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 160	161 - 210	211 - 270	NO OF OBS
TSTMS					100.0			2
LIQUID PRECIP	9.2		6.5	8.7	12.5	45.1	17.9	184
FREEZING PRECIP			2.6	7.9	34.2	47.4	7.9	38
FROZEN PRECIP	7.7		28.1	13.3	8.4	19.4	23.2	1882
FOG	11.4		13.9	7.5	12.9	37.7	16.6	1161
FOG WITH VIS GE 1/2 MILES	11.3		14.2	7.0	12.8	37.9	16.9	1136
TOTAL OBS	713	0	1846	460	497	1918	2006	7440

MONTH: FEB HOURS: ALL

TSTMS								
LIQUID PRECIP	8.5		20.9	19.7	20.5	25.6	4.7	234
FREEZING PRECIP	22.6		12.9	33.9	27.4	1.6	1.6	62
FROZEN PRECIP	7.8		36.6	21.3	7.3	15.0	12.0	1508
FOG	16.2		21.1	14.5	15.6	25.0	7.5	1386
FOG WITH VIS GE 1/2 MILES	15.3		22.0	14.3	15.1	25.3	8.0	1292
TOTAL OBS	722	0	1864	851	536	1507	1288	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 160	161 - 210	211 - 270	NO OF OBS
TSTMS	6.7		13.3	6.7	33.3	20.0	20.0	15
LIQUID PRECIP	6.2		11.8	39.7	16.2	16.0	10.0	499
FREEZING PRECIP			12.5	55.0	20.0	12.5		40
FROZEN PRECIP	2.8		44.1	28.3	6.5	8.8	9.5	979
FOG	14.7		14.5	30.1	14.1	18.6	8.0	1406
FOG WITH VIS GE 1/2 MILES	13.7		14.8	30.4	13.9	19.1	8.2	1340
TOTAL OBS	893	0	2177	1558	748	1111	953	7440

MONTH: APR HOURS: ALL

TSTMS	8.3		16.7	33.3	16.7	16.7	8.3	24
LIQUID PRECIP	8.2		24.7	34.8	13.4	11.3	7.7	794
FREEZING PRECIP								
FROZEN PRECIP	2.0		53.7	13.6	6.8	8.8	15.1	352
FOG	14.8		19.4	33.7	12.8	12.2	7.1	1047
FOG WITH VIS GE 1/2 MILES	14.4		20.2	32.9	13.0	12.2	7.3	976
TOTAL OBS	876	0	1897	1705	750	1027	945	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 160	161 - 210	211 - 270	NO OF OBS
TSTMS	6.7		18.3	25.0	21.7	20.0	8.3	60
LIQUID PRECIP	10.3		27.4	36.5	12.5	8.4	4.9	737
FREEZING PRECIP								
FROZEN PRECIP			7.1	28.6			64.3	14
FOG	20.4		15.0	33.6	13.5	12.6	4.8	1240
FOG WITH VIS GE 1/2 MILES	18.7		15.4	34.3	13.7	13.1	5.0	1179
TOTAL OBS	1175	0	1435	2093	856	999	882	7440

MONTH: JUN HOURS: ALL

TSTMS	10.7		17.2	24.6	10.7	21.3	15.6	122
LIQUID PRECIP	9.3		19.5	34.4	12.7	15.9	8.2	503
FREEZING PRECIP								
FROZEN PRECIP								
FOG	19.1		14.5	27.8	11.0	17.0	10.6	936
FOG WITH VIS GE 1/2 MILES	18.1		15.0	27.7	11.2	17.2	10.8	895
TOTAL OBS	1185	0	1499	1499	768	1156	1093	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 160	161 - 210	211 - 270	NO OF OBS
TSIMS	7.0		21.8	21.1	12.0	24.6	13.4	142
LIQUID PRECIP	10.1		26.2	31.2	8.0	14.8	9.7	237
FREEZING PRECIP								
FROZEN PRECIP								
FOG	34.8		18.0	16.0	5.0	12.9	13.3	824
FOG WITH VIS GE 1/2 MILES	33.3		18.1	16.4	5.3	13.3	13.6	780
TOTAL OBS	1513	0	1540	1339	788	1231	1024	7435

MONTH: AUG HOURS: ALL

TSTMS	13.3		18.7	16.3	16.9	18.1	16.9	166
LIQUID PRECIP	8.4		12.8	23.5	17.4	24.9	13.0	430
FREEZING PRECIP								
FROZEN PRECIP								
FOG	31.5		13.0	14.4	9.8	18.8	12.6	1370
FOG WITH VIS GE 1/2 MILES	30.7		13.0	14.7	9.9	19.2	12.5	1334
TOTAL OBS	1576	0	1435	1101	826	1299	1203	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 160	161 - 210	211 - 270	NO OF OBS
TSTMS	13.8		21.3	13.8	16.3	28.8	6.3	80
LIQUID PRECIP	5.6		28.5	23.3	14.9	18.0	9.7	699
FREEZING PRECIP								
FROZEN PRECIP								
FOG	20.6		14.2	13.8	13.1	26.9	11.4	1658
FOG WITH VIS GE 1/2 MILES	18.9		14.5	14.2	13.1	27.6	11.6	1593
TOTAL OBS	1216	0	1642	785	837	1543	1177	7200

MONTH: OCT HOURS: ALL

TSTMS			13.3	13.3	46.7	26.7		15
LIQUID PRECIP	7.7		28.4	14.7	13.3	21.4	14.5	832
FREEZING PRECIP								
FROZEN PRECIP	4.2		54.2	14.6		6.3	20.8	96
FOG	23.6		12.7	14.9	15.0	23.4	10.3	1345
FOG WITH VIS GE 1/2 MILES	20.3		13.3	15.3	16.1	24.4	10.7	1252
TOTAL OBS	1079	0	1765	786	765	1591	1453	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 160	161 - 210	211 - 270	NO OF OBS
TSTMS	9.1		9.1	9.1	36.4	36.4		11
LIQUID PRECIP	5.0		23.1	15.1	22.5	23.1	11.0	834
FREEZING PRECIP			16.7	33.3	50.0			6
FROZEN PRECIP	2.4		41.9	12.7	3.2	15.4	24.4	656
FOG	16.8		16.4	10.9	19.5	25.2	11.2	1564
FOG WITH VIS GE 1/2 MILES	15.7		16.5	11.1	19.9	25.7	11.1	1508
TOTAL OBS	798	0	1909	543	783	1575	1592	7200

MONTH: DEC HOURS: ALL

TSTMS				20.0	60.0	20.0		5
LIQUID PRECIP	13.8		8.8	6.2	28.8	32.0	10.4	434
FREEZING PRECIP	8.1		5.4	13.5	23.0	40.5	9.5	74
FROZEN PRECIP	8.3		30.9	8.6	6.4	23.7	22.1	1830
FOG	16.8		12.6	4.0	16.0	33.9	16.8	1365
FOG WITH VIS GE 1/2 MILES	14.7		13.2	4.1	16.3	34.6	17.0	1279
TOTAL OBS	724	0	1845	383	532	1711	2245	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 160	161 - 210	211 - 270	NO OF OBS
TSTMS	10.0		18.7	19.6	17.0	22.1	12.6	642
LIQUID PRECIP	8.1		21.8	24.8	16.1	19.2	9.9	6417
FREEZING PRECIP	9.1		8.6	26.4	26.4	24.5	5.0	220
FROZEN PRECIP	6.4		35.5	15.8	6.8	17.1	18.5	7317
FOG	19.7		15.3	17.8	13.6	22.7	10.8	15302
FOG WITH VIS GE 1/2 MILES	18.4		15.7	17.9	13.8	23.2	11.0	14564
TOTAL OBS	12470	0	20854	13103	8686	16668	15861	87642

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	22.2	27.3	37.3	45.1	48.6	51.1	58.8	54.7	47.7	48.7	32.4	21.6	41.4
TRACE	33.4	30.2	27.0	20.2	18.3	17.6	14.0	16.1	15.7	20.1	28.8	33.4	22.8
.01	9.1	7.1	4.5	2.9	2.9	2.2	1.8	1.6	3.0	3.6	4.8	5.9	4.1
.02-.05	12.4	14.3	8.4	8.5	6.3	5.3	5.5	5.1	8.5	6.6	9.0	13.4	8.6
.06-.10	7.6	6.1	5.3	4.8	4.5	4.4	3.2	3.7	5.3	4.2	5.8	7.9	5.2
.11-.25	8.3	8.3	7.7	7.5	8.4	7.2	5.1	6.2	7.3	7.3	8.9	9.4	7.6
.26-.50	4.8	4.5	6.1	6.4	5.1	6.0	6.0	5.8	5.9	4.8	5.2	5.4	5.5
.51-1.00	1.9	2.1	3.3	3.6	4.6	4.4	3.9	4.1	5.1	3.8	4.1	2.4	3.6
1.01-2.50	.2	.1	.5	1.1	1.2	1.5	1.7	2.8	1.4	.9	1.0	.5	1.1
2.51-5.00						.1			.1				.0
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	44.4	42.5	35.8	34.8	33.1	31.3	27.2	29.3	36.6	31.2	38.9	44.9	35.8
TOTAL NO. OF OBSERVATIONS	1302	1187	1302	1260	1302	1260	1302	1302	1253	1281	1230	1271	15252

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43								2.40	1.91	1.44	3.05	.60	9.40*
44	.66	1.01	2.07	1.92	2.55	3.41	3.80	4.23	1.74	1.56	3.88	.40	27.23
45	.36	.84	.55	2.59	5.18	4.85	1.54	1.63	2.48*	.28*			20.30*
51	1.86	1.90	2.35	4.69	1.17	2.72	4.07	2.83	3.33	5.73	2.49	2.98	36.12
52	2.72	.72	2.96	4.32	2.04	.66	5.06	3.92	1.38	.04	3.07	2.31	29.20
53	1.62	2.53	2.64	2.88	3.66	2.90	2.87	2.91	3.74	2.23	2.45	2.41	32.84
54	1.97	1.81	2.68	2.96	3.34	6.26	.71	1.40	3.98	5.10	3.92	2.01	36.14
55	1.87	1.81	1.81	2.68	3.31	.81	3.12	3.93	.49	2.46	2.09	1.73	26.11
56	1.15	1.85	1.70	2.58	3.61	2.26	3.18	2.60	1.51	.59	1.88	2.03	24.94
57	1.37	.62	1.41	2.37	2.17	4.62	3.27	.51	4.34	2.03	2.31	1.74	26.76
58	1.92	2.05	.20	.68	.25	1.78	2.14	1.34	1.83	2.51	1.81	.59	17.10
59	1.85	3.63	2.80	5.71	4.84	.54	2.93	6.30	4.31	3.96	3.98	3.45	44.30
60	2.60	1.77	1.39	2.08	3.26	3.50	2.99	2.77	2.18	1.29	2.04	.61	26.48
61	.30	1.97	2.68	1.85	1.30	2.06	3.11	2.14	3.78	.63	2.41	1.26	23.49
62	2.09	2.42	.67	1.61	3.67	2.52	3.65	2.01	4.94	3.10	1.12	.85	28.65
63	1.00	.45	2.99	2.32	4.55	2.22	2.13	1.74	1.81	.51	1.43	1.22	22.37
64	.87	.44	1.26	3.27	1.97	1.34	5.03	4.93	2.26	1.04	3.73	2.38	28.52
65	2.36	3.11	1.98	2.66	2.59	1.75	1.74	3.31	5.62	1.95	2.35	2.77	32.19
66	2.01	1.48	3.11	2.89	.49	1.26	1.58	4.02	1.53	1.83	5.46	2.79	28.45
67	2.58	1.42	.90	3.42	1.16	4.17	.98	3.57	2.01	2.52	1.65	2.58	26.96
68	.91	2.26	1.31	2.12	4.72	3.11	1.78	5.23	3.55	1.62	2.68	3.19	32.48
69	3.58	.88	1.54	3.00	3.65	3.84	1.90	.44	1.39	5.60	2.30	2.15	30.27
70	1.13	.50	1.94	2.60	1.76	3.64	3.98	1.06	2.80	2.46	2.90	2.48	27.25
71	2.66	2.23	2.68	1.10	1.74	3.67	3.34	4.17	1.84	1.27	1.62	5.64	31.96
72	1.11	1.22	3.02	2.16	1.42	2.25	2.72	4.10	.72	3.11	1.51	5.38	28.72
73	1.26	1.04	3.30	2.01	5.21	1.83	3.85	2.70	2.04	5.28	.12	3.24	33.88
74	3.87	1.57	1.58	2.80	3.10	3.25	3.98	2.46	4.08	1.24	1.95	1.24	31.12
75	3.35	1.13	1.86	1.49	4.64	5.49	5.03	4.23	3.17	.83	2.27	1.78	35.27
76	1.87	1.98	4.27	.55	3.11	6.48	3.18	1.02	1.90	2.59	.92	.65	28.52
77	.88	1.50	3.36	1.54	2.17	.55	2.22	7.35	3.40	2.33	4.85	2.27	32.62
78	2.82	1.03	.89	1.29	2.56	4.18	1.77	2.46	5.51	.89	2.41	2.24	28.05
79	2.29	.70	2.62	2.74	2.54	3.20	.74	4.99	.07	2.46	2.64	1.07	26.06
80	.81	1.07	1.36	3.25	2.98	3.72	2.59	3.19	3.18	2.81	1.40	2.81	29.17

B - 2 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.97	2.55	.43	3.81	1.75	4.80	1.54	5.08	4.35	2.05	1.49	.91	29.73
82	2.41	.09	3.67	1.27	2.02	4.00	2.17	4.60	2.90	.94	1.99	3.27	29.33
83	1.99	1.69	4.20	3.51	8.24	.80	3.81	3.07	3.88	3.61	3.08	2.19	40.07
84	.85	.66	2.16	3.45	3.18	1.28	1.54	2.15	3.26	3.39	1.87	3.64	27.43
85	1.78	3.34	3.54	2.68	2.02	1.64	2.68	6.16	5.69	2.90	4.60	2.36	39.39
86	1.42	2.10	2.32	1.39	3.05	3.26	4.09	3.44	9.05	1.70	.34	2.02	34.18
87	1.45	1.12	.91	.77	.89	2.85	1.65	6.33	3.12	2.16	2.19	2.04	25.48
88	1.87	1.24	1.76	2.34	.86	1.01	2.02	2.88	2.21	2.88	3.44	.92	23.43
89	1.45	1.18	3.08	1.71	1.61	3.00	.15	1.94	1.64	2.12	2.39	2.64	22.91
90	2.12	1.83	2.26	2.66	3.38	2.54	1.76						16.55*
.....													
LEAST	.30	.09	.20	.55	.25	.54	.15	.44	.07	.04	.34	.40	17.10
GREATEST	3.87	3.63	4.27	5.71	8.24	6.48	5.06	7.35	9.05	5.73	5.46	5.64	44.30
MEAN	1.76	1.54	2.15	2.47	2.80	2.86	2.67	3.27	2.99	2.31	2.49	2.17	29.63
MEDIAN	1.86	1.49	2.12	2.59	2.58	2.88	2.70	2.99	2.90	2.16	2.31	2.19	28.69
SD	.834	.804	1.015	1.062	1.536	1.500	1.203	1.641	1.690	1.369	1.071	1.164	5.218
TOTAL OBS	1302	1187	1302	1260	1302	1260	1302	1302	1253	1281	1230	1271	15252
.....													

THE GREATEST VALUE OF 9.05 OCCURRED ON 09/86

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB, MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510, 5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43								1.05	1.34	.48	1.11	.37	1.34*
44	.37	.28	.40	1.14	.53	.81	1.02	1.19	.53	.74	1.01	.11	1.19
45	.09	.22	.18	.76	1.46	1.25	.52	1.04	1.09*	.21*			1.46*
51	.37	.71	.36	1.50	.38	.67	2.16	.97	1.21	1.87	.48	.63	2.16
52	.61	.33	.75	2.50	.41	.46	1.40	1.90	.43	.02	1.35	.67	2.50
53	.36	.67	.60	1.34	.91	.87	1.40	1.28	.95	.57	.57	.48	1.40
54	.86	.63	.79	.80	.93	1.97	.50	.51	1.20	1.21	1.00	.39	1.97
55	.47	.53	.47	1.05	1.17	.46	.87	2.21	.22	.68	.77	.51	2.21
56	.32	.44	.58	.61	.82	1.06	1.33	1.20	.33	.19	.64	.32	1.33
57	.41	.20	.88	.85	.92	1.26	1.43	.14	1.84	.81	1.11	.59	1.84
58	.68	.93	.10	.48	.16	.70	.98	.48	.74	.72	.53	.18	.98
59	.70	1.17		1.53	1.40	.25	1.05	1.70	.80	.93	1.02	.97	1.70
60	1.14	.64		.45	.75	1.58	1.18	1.49	.87	.35	.74	.18	1.58
61	.10	.53	.56	.42	.34	.44	.94	.80	1.07	.27	.85	.63	1.07
62	.51	.52	.61	.72	.90	.80	1.76	.90	1.17	1.40	.40	.27	1.76
63	.54	.11	.66	1.41	1.77	1.05	.93	.44	.78	.20	.65	.26	1.77
64	.35	.24	.50	.62	.67	.36	2.40	1.22	.90	.41	1.64	.45	2.40
65	.95	.95	.54	.61	1.11	.60	.70	1.10	.82	.57	1.52	.81	1.52
66	.59	.54	.64	.51	.15	.54	.40	.82	.47	1.09	1.53	.85	1.53
67	.74	.29	.25	.66	.38	.83	.41	.81	.69	.94	.38	.68	.94
68	.22	.86	.55	.69	2.14	.87	.40	2.25	.68	.30	.90	.63	2.25
69	.86	.26	.61	1.12	1.21	1.40	.51	.21	.46	1.34	.74	1.05	1.40
70	.36	.14	.78	.75	.69	1.40	1.21	.56	.56	.80	.71	.89	1.40
71	.54	.49	1.18	.38	.61	1.13	.68	1.46	.65	.84	.47	1.77	1.77
72	.28	.33	.52	.85	.90	.71	1.01	1.07	.22	1.25	.56	.83	1.25
73	.61	.18	1.24	.73	1.63	.72	1.08	.98	.76	2.42	.61	.72	2.42
74	.88	.96	.37	.70	.70	.67	2.02	.87	1.20	.47	.35	.34	2.02
75	1.43	.32	.56	.56	1.14	1.63	1.96	1.20	1.18	.32	.54	.31	1.96
76	.25	.51	.70	.30	.89	3.74	.85	.39	.66	.78	.48	.10	3.74
77	.36	.97	1.09	.49	.97	.63	.60	1.25	.82	.94	1.27	.88	1.27
78	1.69	.19	.49	.57	.76	1.65	.81	1.58	1.67	.32	.97	.53	1.69
79	.78	.25	.70	.65	.90	1.72	.51	2.00	.03	.55	.72	.37	2.00
80	.26	.57	.50	.76	.89	1.27	.80	1.30	.69	.75	.77	1.75	1.75

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.29	.70	.21	1.38	.75	1.68	.73	1.10	1.78	.58	.61	.26	1.78
82	.42	.07	.70	.33	.54	.79	.36	1.59	.86	.40	.39	1.13	1.59
83	.67	.66	.91	.78	2.03	.72	1.50	1.00	1.48	1.06	.68	.69	2.03
84	.31	.14	.77	1.01	1.43	.34	.97	.97	.82	.83	.80	.79	1.43
85	.38	.77	.86	.88	.80	.39	1.86	1.73	3.20	1.38	.71	.87	3.20
86	.40	.70	.48	.46	.73	1.63	1.41	1.05	1.68	.67	.15	.79	1.68
87	.47	.35	.61	.19	.34	.89	.51	1.73	.76	.79	.88	.77	1.73
88	.65	.46	.40	.41	.43	.53	1.16	.82	.99	.60	1.22	.36	1.22
89	.52	.32	1.10	.55	.87	.75	.05	1.18	.65	.62	.82	.68	1.18
90	.58	.56	1.01	1.31	.91	1.42	.65						1.42*
GREATEST	1.69	1.17	1.30	2.50	2.14	3.74	2.40	2.25	3.20	2.42	1.64	1.77	3.74
TOTAL OBS	1302	1187	1302	1260	1302	1260	1302	1302	1253	1281	1230	1271	15252

THE GREATEST VALUE OF 3.74 OCCURRED ON 06/30/76

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	26.9	33.0	51.2	77.7	96.7	100.0	100.0	100.0	99.7	91.5	59.0	30.4	72.3
TRACE	32.2	28.2	25.6	14.9	2.6				.3	7.8	27.3	33.5	14.3
0.1-0.4	17.2	16.7	9.0	3.4	.6				.1	.5	6.2	15.7	5.7
0.5-1.4	12.3	13.1	6.9	1.9	.1					.2	3.9	11.0	4.1
1.5-2.4	5.0	3.3	3.4	1.2	.1						1.9	4.3	1.6
2.5-3.4	2.7	2.7	1.0	.3							.7	2.2	.8
3.5-4.4	1.4	1.1	1.1	.3							.6	1.2	.5
4.5-6.4	1.3	.8	.9	.2							.3	1.1	.4
6.5-10.4	1.0	.9	.6	.2							.1	.5	.3
10.5-15.4	.2	.2	.2								.1	.2	.1
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	41.0	38.8	23.2	7.4	.7				.1	.7	13.8	36.1	13.4
TOTAL NO. OF OBSERVATIONS	1240	1130	1240	1200	1240	1200	1240	1209	1170	1209	1170	1209	14457

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43	*	*	*	*	*	*	*	*	*	*	*	*	.0*
44	*	*	*	*	*	*	*	*	*	*	*	*	.0*
45	*	*	*	*	*	*	*	*	*	*	*	*	.0*
51	15.0	10.1	12.6	.9	.0	.0	.0	.0	.0	TRACE	19.4	22.0	80.0
52	20.2	3.3	15.5	8.7	.0	.0	.0	.0	.0	TRACE	TRACE	4.5	52.2
53	11.5	17.4	5.0	TRACE	.0	.0	.0	.0	.0	.0	6.9	6.5	47.3
54	20.2	8.0	13.8	.3	.5	.0	.0	.0	.0	TRACE	.4	17.7	65.9
55	14.0	16.8	7.3	TRACE	.0	.0	.0	.0	.0	TRACE	7.7	11.5	57.3
56	10.7	18.1	8.7	1.3	.1	.0	.0	.0	.2	TRACE	7.4	12.9	59.4
57	12.6	4.9	7.8	3.5	TRACE	.0	.0	.0	.0	TRACE	.9	7.9	37.6
58	15.3	14.6	1.3	TRACE	.0	.0	.0	.0	.0	.0	4.1	9.9	45.2
59	13.7	35.3	8.2	9.4	.0	.0	.0	.0	.0	TRACE	12.4	15.4	94.4
60	23.4	15.8	14.8	3.8	TRACE	.0	.0	.0	.0	.3	2.4	7.3	67.8
61	5.8	12.1	19.8	.5	.5	.0	.0	.0	.0	TRACE	1.5	4.6	44.8
62	19.3	20.9	5.7	2.6	.0	.0	.0	.0	.0	.8	2.8	8.3	60.4
63	10.0	4.3	8.0	3.6	TRACE	.0	.0	.0	.0	.0	.1	11.8	37.8
64	4.8	5.2	10.8	.6	.0	.0	.0	.0	.0	.3	4.1	12.0	37.8
65	22.4	25.9	15.9	5.5	.0	.0	.0	.0	TRACE	1.2	1.1	8.5	80.5
66	21.9	7.7	5.8	12.9	TRACE	.0	.0	.0	TRACE	TRACE	18.8	16.7	83.8
67	26.0	12.6	7.4	1.4	TRACE	.0	.0	.0	.0	TRACE	3.1	6.9	57.4
68	9.6	11.1	7.8	.1	TRACE	.0	.0	.0	.0	TRACE	2.7	27.5	58.8
69	22.6	7.7	7.0	TRACE	TRACE	.0	.0	.0	.0	.7	4.7	13.9	56.6
70	15.5	6.0	17.6	6.6	TRACE	.0	.0	.0	.0	.0	2.1	12.4	60.2
71	23.1	13.5	25.5	1.0	TRACE	.0	.0	.0	.0	.0	6.0	16.8	85.9
72	8.1	11.9	28.0	3.1	.0	.0	.0	.0	.0	.2	3.3	31.9	86.5
73	5.7	8.6	10.9	6.0	.1	.0	.0	.0	.0	.0	4.5	17.6	53.4
74	18.0	18.5	12.0	.6	1.6	.0	.0	.0	.0	TRACE	2.8	10.9	64.4
75	7.7	5.4	10.3	1.9	.0	.0	.0	.0	.0	.0	9.1	14.8	49.2
76	32.7	16.7	12.1	.7	TRACE	.0	.0	.0	.0	TRACE	4.2	12.1	78.5
77	10.4	3.0	2.0	.3	.0	.0	.0	.0	.0	TRACE	16.3	13.5	45.5
78	28.7	17.0	6.0	TRACE	.0	.0	.0	.0	.0	TRACE	13.5	18.6	83.8
79	22.1	8.6	3.8	5.6	.6	.0	.0	.0	.0	TRACE	1.2	4.6	46.5
80	4.3	11.0	9.9	3.5	.0	.0	.0	.0	.0	TRACE	1.2	23.5	53.4

B - 3 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	15.3	18.3	1.8	TRACE	.0	.0	.0	.0	.0	TRACE	4.2	10.4	50.0
82	37.5	1.0	18.1	.4	.0	.0	.0	.0	.0	TRACE	1.0	1.9	59.9
83	16.7	9.0	14.3	2.0	.0	.0	.0	.0	TRACE	.0	3.0	10.4	55.4
84	16.8	3.5	4.5	TRACE	TRACE	.0	.0	.0	.0	.0	.9	12.9	38.6
85	17.5	29.5	12.5	1.5	.0	.0	.0	.0	.0	.0	4.0	14.7	79.7
86	14.6	16.6	9.4	.3	.0	.0	.0	.0	.0	.0	.6	6.5	48.0
87	20.1	17.0	.3	1.5	.0	.0	.0	.0	.0	TRACE	.1	11.0	50.0
88	12.4	19.1	6.7	TRACE	.0	.0	.0	.0	.0	TRACE	.8	5.7	44.7
89	13.4	15.8	19.4	3.8	.0	.0	.0	.0	.0	TRACE	7.1	38.9	98.4
90	11.0	21.6	1.4	6.0	TRACE	.0	.0						40.0*
LEAST	4.3	1.0	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.9	37.6
GREATEST	37.5	35.3	28.0	12.9	1.6	.0	.0	.0	.2	1.2	19.4	38.9	98.4
MEAN	16.3	13.1	10.4	2.5	.1	.0	.0	.0	.0	.1	4.8	13.2	60.4
MEDIAN	15.3	12.4	9.1	1.4	.0	.0	.0	.0	.0	TRACE	3.1	12.0	57.3
SD	7.445	7.504	6.499	3.040	.284	.000	.000	.000	.032	.255	5.056	7.598	16.751
TOTAL OBS	1240	1130	1240	1200	1240	1200	1240	1209	1170	1209	1170	1209	14457

THE GREATEST VALUE OF 38.9 OCCURRED ON 12/89

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,510-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43								*	*	*	*	*	*
44	*	*	*	*	*	*	*	*	*	*	*	*	*
45	*	*	*	*	*	*	*	*	*	*			*
51	3.1	4.5	4.1	.8	.0	.0	.0	.0	.0	TRACE	5.1	6.3	6.3
52	5.4	.8	4.9	7.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.4	7.0
53	2.8	6.0	2.1	TRACE	.0	.0	.0	.0	.0	.0	4.0	2.1	6.0
54	9.0	2.9	7.6	.3	.4	.0	.0	.0	.0	TRACE	.4	3.8	9.0
55	4.7	5.3	2.7	TRACE	.0	.0	.0	.0	.0	TRACE	4.2	5.1	5.3
56	3.2	4.4	3.3	.8	.1	.0	.0	.0	.2	TRACE	3.4	3.1	4.4
57	4.9	2.0	6.9	2.4	TRACE	.0	.0	.0	.0	TRACE	.6	3.7	6.9
58	5.0	8.5	.6	TRACE	.0	.0	.0	.0	.0	.0	1.3	2.9	8.5
59	3.1	12.3	4.2	5.0	.0	.0	.0	.0	.0	TRACE	5.7	4.5	12.3
60	11.5	3.8	2.8	2.1	TRACE	.0	.0	.0	.0	.3	.9	2.6	11.5
61	3.2	4.2	8.0	.3	.3	.0	.0	.0	.0	TRACE	1.5	1.7	8.0
62	3.7	4.6	5.5	2.1	.0	.0	.0	.0	.0	.5	1.9	2.7	5.5
63	5.7	.9	2.4	2.5	TRACE	.0	.0	.0	.0	.0	.1	2.0	5.7
64	1.8	2.7	5.0	.5	.0	.0	.0	.0	.0	.2	1.6	4.5	5.0
65	6.4	10.8	5.5	3.5	.0	.0	.0	.0	TRACE	1.2	.4	4.0	10.8
66	6.4	3.3	1.8	4.9	TRACE	.0	.0	.0	TRACE	TRACE	9.2	8.4	9.2
67	7.6	3.0	3.5	1.4	TRACE	.0	.0	.0	.0	TRACE	2.5	2.2	7.6
68	3.1	4.0	6.4	.1	TRACE	.0	.0	.0	.0	TRACE	1.5	6.3	6.4
69	8.8	2.6	3.6	TRACE	TRACE	.0	.0	.0	.0	.6	4.0	3.7	8.8
70	3.7	1.4	11.6	6.5	TRACE	.0	.0	.0	.0	.0	.8	2.5	11.6
71	5.4	3.1	11.5	.4	TRACE	.0	.0	.0	.0	.0	1.6	13.5	13.5
72	3.0	3.3	5.2	1.1	.0	.0	.0	.0	.0	.2	2.4	6.6	6.6
73	2.0	2.0	9.8	3.8	.1	.0	.0	.0	.0	.0	3.4	3.8	9.8
74	4.5	10.2	3.2	.5	1.6	.0	.0	.0	.0	TRACE	1.0	3.0	10.2
75	2.2	1.0	2.6	.9	.0	.0	.0	.0	.0	.0	3.4	3.8	3.8
76	5.9	6.4	4.9	.3	TRACE	.0	.0	.0	.0	TRACE	2.2	3.0	6.4
77	2.3	.8	.6	.2	.0	.0	.0	.0	.0	TRACE	13.0	5.0	13.0
78	13.2	4.1	3.0	TRACE	.0	.0	.0	.0	.0	TRACE	6.2	6.7	13.2
79	7.2	2.6	2.0	2.6	.5	.0	.0	.0	.0	TRACE	.5	1.4	7.2
80	2.6	5.8	4.4	2.0	.0	.0	.0	.0	.0	TRACE	.5	13.6	13.6

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	7.1	8.5	.6	TRACE	.0	.0	.0	.0	.0	TRACE	4.2	6.2	8.5
82	8.9	.8	7.2	.3	.0	.0	.0	.0	.0	TRACE	1.0	.8	8.9
83	6.7	2.8	10.0	1.6	.0	.0	.0	.0	TRACE	.0	2.7	3.9	10.0
84	5.4	1.6	1.5	TRACE	TRACE	.0	.0	.0	.0	.0	.9	5.0	5.4
85	3.8	7.7	8.3	.9	.0	.0	.0	.0	.0	.0	1.5	4.5	8.3
86	4.0	7.0	4.6	.3	.0	.0	.0	.0	.0	.0	.5	3.9	7.0
87	4.7	7.0	.3	1.5	.0	.0	.0	.0	.0	TRACE	.1	6.6	7.0
88	5.4	9.3	2.0	TRACE	.0	.0	.0	.0	.0	TRACE	.8	3.5	9.3
89	7.4	3.7	8.5	1.1	.0	.0	.0	.0	.0	TRACE	5.2	10.2	10.2
90	3.1	7.1	.5	4.3	TRACE	.0	.0						7.1*
.....													
GREATEST	13.2	12.3	11.6	7.0	1.6	.0	.0	.0	.2	1.2	13.0	13.6	13.6
.....													
TOTAL OBS	1240	1130	1240	1200	1240	1200	1240	1209	1170	1209	1170	1209	14457
.....													

THE GREATEST VALUE OF 13.6 OCCURRED ON 12/02/80

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 3B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	6.4	6.6	24.1	83.9	99.4	100.0	100.0	100.0	100.0	99.2	77.7	23.0	68.7
TRACE	6.4	7.0	18.4	9.3	.5					.7	11.6	20.4	6.2
1	10.4	9.9	10.7	2.7	.1					.1	3.7	15.2	4.4
2	11.1	7.8	8.6	1.1							2.3	11.4	3.5
3	8.3	8.3	8.4	1.6							1.3	7.7	2.9
4-6	25.0	21.6	14.7	1.3							2.7	13.8	6.5
7-12	23.0	25.9	9.8	.1							.4	6.5	5.4
13-24	9.4	11.8	5.4								.3	2.0	2.4
25-36		1.3											.1
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	87.3	86.4	57.5	6.8	.1					.1	10.7	56.6	25.2
TOTAL NO. OF OBSERVATIONS	1302	1187	1302	1260	1302	1260	1302	1302	1260	1302	1230	1271	15280

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43								0	0	1	1	2	2*
44	1	5	7	4	0	0	0	0	0	0	5	5	7
45	5	7	1	2	TRACE	0	0	0	0	0			7*
51	11	14	6	TRACE	0	0	0	0	0	0	6	19	19
52	12	8	8	6	0	0	0	0	0	0	TRACE	2	12
53	5	6	7	TRACE	0	0	0	0	0	0	4	2	7
54	12	11	13	TRACE	TRACE	0	0	0	0	0	TRACE	12	13
55	14	26	4	TRACE	0	0	0	0	0	TRACE	3	9	26
56	6	11	5	TRACE	0	0	0	0	0	0	5	5	11
57	8	8	5	1	0	0	0	0	0	TRACE	TRACE	3	8
58	11	15	1	TRACE	0	0	0	0	0	0	2	5	15
59	9	24	21	3	0	0	0	0	0	0	6	9	24
60	15	13	17	4	0	0	0	0	0	TRACE	1	4	17
61	4	6	9	TRACE	TRACE	0	0	0	0	0	TRACE	2	9
62	15	18	11	TRACE	0	0	0	0	0	TRACE	2	4	18
63	8	6	5	TRACE	1	0	0	0	0	0	0	9	8
64	8	3	6	2	0	0	0	0	0	0	6	6	8
65	8	17	15	6	0	0	0	0	0	0	0	6	17
66	11	14	3	4	0	0	0	0	0	0	9	10	14
67	19	15	11	1	0	0	0	0	0	0	3	2	19
68	7	7	6	0	0	0	0	0	0	0	1	17	17
69	16	8	3	0	0	0	0	0	0	TRACE	2	7	16
70	11	9	10	7	0	0	0	0	0	0	1	6	11
71	15	12	16	2	0	0	0	0	0	0	3	14	16
72	13	9	15	4	0	0	0	0	0	0	TRACE	16	16
73	6	5	10	5	0	0	0	0	0	0	2	11	11
74	16	10	5	TRACE	TRACE	0	0	0	0	0	1	4	16
75	4	4	6	3	0	0	0	0	0	0	4	6	6
76	16	16	6	0	0	0	0	0	0	0	1	6	16
77	11	8	1	0	0	0	0	0	0	0	17	11	17
78	20	24	16	1	0	0	0	0	0	0	9	4	24
79	23	17	7	3	TRACE	0	0	0	0	0	TRACE	2	23
80	3	4	4	3	0	0	0	0	0	0	1	4	4

B - 4 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	6	15	1	0	0	0	0	0	0	0	2	2	15
82	11	16	15	TRACE	0	0	0	0	0	TRACE	1	1	16
83	8	5	13	1	0	0	0	0	0	0	3	8	13
84	14	12	2	TRACE	TRACE	0	0	0	0	0	1	4	14
85	17	34	15	1	0	0	0	0	0	0	2	11	34
86	20	9	13	TRACE	0	0	0	0	0	0	TRACE	4	20
87	9	10	TRACE	TRACE	0	0	0	0	0	0	TRACE	4	10
88	5	10	3	0	0	0	0	0	0	0	1	4	10
89	9	8	13	1	0	0	0	0	0	0	5	14	14
90	7	11	7	4	0	0	0						11*
.....													
GREATEST	23	34	21	7	1	0	0	0	0	1	17	19	34*
.....													
TOTAL OBS	1302	1187	1302	1260	1302	1260	1302	1302	1260	1302	1230	1271	15280

THE GREATEST VALUE OF 34 OCCURRED ON 02/17/85

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 4 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 4308-4510,5101-9007
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
43 - 44			OCT 17			APR 15
44 - 45			NOV 30			APR 21
50 - 51	JAN 03	JAN 05	JAN 01	APR 22	APR 18	MAR 27
51 - 52	OCT 28	NOV 01	NOV 02	APR 14	APR 06	APR 08
52 - 53	OCT 19	DEC 02	DEC 02	APR 27	MAR 28	MAR 12
53 - 54	NOV 04	NOV 26	NOV 26	MAY 09	MAY 05	MAR 26
54 - 55	OCT 30	NOV 29	DEC 06	APR 07	MAR 27	MAR 28
55 - 56	OCT 24	NOV 03	NOV 04	MAY 16	MAY 04	MAR 24
56 - 57	SEP 20	SEP 20	NOV 25	MAY 17	APR 13	APR 11
57 - 58	OCT 24	NOV 09	DEC 10	APR 25	MAR 06	MAR 06
58 - 59	NOV 15	NOV 21	NOV 24	APR 24	APR 08	APR 04
59 - 60	OCT 11	NOV 13	NOV 14	MAY 11	APR 09	APR 11
60 - 61	OCT 20	OCT 24	NOV 30	MAY 26	MAY 02	MAR 23
61 - 62	OCT 14	NOV 22	DEC 10	APR 15	APR 14	MAR 26
62 - 63	OCT 23	OCT 23	NOV 24	MAY 22	APR 30	MAY 01
63 - 64	NOV 01	NOV 02	DEC 04	APR 15	APR 08	APR 09
64 - 65	OCT 06	OCT 06	NOV 20	APR 20	APR 17	APR 07
65 - 66	SEP 26	OCT 28	DEC 17	MAY 28	APR 27	APR 27
66 - 67	SEP 23	NOV 02	NOV 03	MAY 20	APR 07	APR 07
67 - 68	OCT 19	NOV 03	NOV 15	MAY 05	APR 25	MAR 25
68 - 69	OCT 04	NOV 07	NOV 29	MAY 18	MAR 28	MAR 31
69 - 70	OCT 21	OCT 21	NOV 19	MAY 06	APR 02	APR 07
70 - 71	NOV 14	NOV 21	NOV 24	MAY 02	APR 24	APR 01
71 - 72	NOV 04	NOV 09	NOV 24	APR 24	APR 10	APR 12
72 - 73	OCT 15	OCT 17	DEC 02	MAY 17	MAY 03	APR 13
73 - 74	NOV 05	NOV 11	NOV 16	MAY 06	MAY 06	MAR 31
74 - 75	OCT 01	NOV 15	NOV 28	APR 20	APR 03	APR 07
75 - 76	NOV 13	NOV 13	NOV 25	MAY 07	APR 26	MAR 19

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI

PERIOD OF RECORD: 4308-4510,5101-9007

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
76 - 77	OCT 16	NOV 04	NOV 04	APR 08	APR 06	MAR 08
77 - 78	OCT 16	NOV 11	NOV 25	APR 21	MAR 21	APR 02
78 - 79	OCT 15	NOV 12	NOV 21	MAY 06	MAY 06	APR 30
79 - 80	OCT 10	NOV 15	DEC 02	APR 24	APR 24	APR 05
80 - 81	OCT 04	NOV 10	NOV 27	APR 05	MAR 26	MAR 20
81 - 82	OCT 02	NOV 20	NOV 20	APR 17	APR 06	MAR 26
82 - 83	OCT 16	NOV 26	NOV 26	APR 18	APR 03	APR 03
83 - 84	SEP 21	NOV 11	NOV 11	MAY 13	MAR 22	MAR 22
84 - 85	NOV 02	NOV 11	NOV 12	APR 17	APR 07	APR 03
85 - 86	NOV 09	NOV 09	NOV 09	APR 22	APR 21	MAR 18
86 - 87	NOV 03	NOV 20	DEC 08	APR 03	APR 02	FEB 28
87 - 88	OCT 07	NOV 30	DEC 15	APR 27	MAR 30	MAR 23
88 - 89	OCT 11	NOV 06	NOV 07	APR 13	APR 12	APR 10
89 - 90	OCT 03	NOV 16	NOV 16	MAY 10	APR 03	APR 04
MEDIAN-DATE	OCT 17	NOV 11	NOV 24	APR 26	APR 08	APR 02

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
43								*	*	*	*	*	*
44	*	*	*	*	*	*	*	*	*	*	*	*	*
45	*	*	*	*	*	*	*	*	*	*			*
51	*	*	*	*	*	*	*	*	*	*	*	*	*
52	*	*	*	*	*	*	*	*	*	*	*	*	*
53	*	*	*	*	*	*	*	*	*	*	*	*	*
54	*	*	*	*	*	*	*	*	*	*	*	*	*
55	*	*	*	*	*	*	*	*	*	*	*	*	*
56	*	*	*	*	*	*	*	*	*	*	*	*	*
57	*	*	*	*	*	*	*	*	*	*	*	*	*
58	*	*	*	*	*	*	*	*	*	*	*	*	*
59	*	*	*	*	*	*	*	*	*	*	*	*	*
60	*	*	*	*	*	*	*	*	*	*	*	*	*
61	*	*	NE 40	S 32	W 32	WSW 46	WNW 28	W 31	W *33	WSW*38	SW *30	WSW 34	WSW*46
62	NNW 35	NW 28	NNW 26	N 32	W 41	W 39	WNW 34	SW 25	NW 53	W 30	SSW 36	WNW*36	NW *53
63	SW 44	WNW 39	WSW 35	W 47	WNW 38	SSW 27	WNW 34	N 30	W 33	WNW 36	WNW 43	N 31	W 47
64	SW 36	WSW 38	NNE 37	WSW 52	WSW 47	WNW 40	W 30	NW 35	SSW 42	NW 36	WSW 47	NE 30	WSW 52
65	WNW 32	NNW 45	E 44	WNW 31	WSW 42	W 33	SW 27	WSW 38	SSW 32	WNW 41	W 42	NNE 39	NNW 45
66	WNW 37	NNW 34	SW 38	W 36	WNW 41	W 30	NNE 31	N 30	W 37	WSW 41	N 38	E 29	WNW 41
67	WSW 52	NE 39	NNW 31	NNE 38	WNW 32	SW 39	W 30	W 28	WSW 33	SSW 39	W 40	W 44	WSW 52
68	NNE 36	NW 39	W 36	SSW 50	SSW 33	NE 35	24/ 32	33/ 39	27/ 29	24/ 37	05/ 43	27/ 41	SSW 50
69	29/ 36	31/ 33	30/ 32	04/ 38	35/ 38	26/ 42	18/ 35	21/ 31	33/ 32	26/ 38	26/ 32	32/ 38	26/ 42
70	22/ 31	32/ 36	05/ 44	01/ 51	23/ 51	34/ 39	22/ 64	34/ 40	23/ 38	24/ 38	26/ 52	25/ 45	22/ 64
71	33/ 45	21/ 53	23/ 41	23/ 40	25/ 42	08/ 38	28/ 37	25/ 48	30/ 37	21/ 46	24/ 49	24/ 57	24/ 57
72	24/ 64	33/ 46	26/ 46	19/ 36	03/ 29	36/ 31	25/ 44	22/ 46	22/ 34	24/ 42	03/ 35	31/ 33	24/ 64
73	22/ 34	35/ 30	33/ 47	05/ 42	22/ 34	20/ 32	27/ 34	24/ 34	14/ 38	28/ 51	28/ 39	04/ 32	28/ 51
74	28/ 35	33/ 31	27/ 36	21/ 38	32/ 36	28/ 31	26/ 36	33/ 39	27/ 42	30/ 30	19/ 28	31/ 29	27/ 42
75	24/ 51	26/ 33	08/ 30	22/ 46	19/ 34	20/ 46	30/ 50	25/ 32	33/ 28	29/ 33	25/ 49	06/ 32	24/ 51
76	20/ 30	32/ 34	24/ 48	04/ 39	30/ 35	03/ 38	02/ 32	24/ 27	29/ 35	30/ 37	29/ 33	22/ 38	24/ 48
77	27/ 45	28/ 37	22/ 47	23/ 34	34/ 42	28/ 34	29/ 38	24/ 44	21/ 30	15/ 34	23/ 35	22/ 38	22/ 47
78	33/ 44	35/ 23	28/ 35	28/ 38	19/ 39	32/ 29	20/ 28	21/ 39	27/ 34	18/ 36	19/ 36	28/ 42	33/ 44
79	20/ 31	27/ 39	32/ 35	28/ 56	02/ 31	22/ 36	16/ 23	33/ 31	22/ 26	19/ 29	20/ 39	03/ 34	28/ 56
80	24/ 43	32/ 32	31/ 38	03/ 33	21/ 39	30/ 29	28/ 42	27/ 23	30/ 32	31/ 34	32/ 30	36/ 37	24/ 43

C - 2 - 1A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
81	32/ 27	23/ 27	32/ 34	21/ 45	02/ 32	23/ 72	19/ 25	03/ 26	23/ 34	22/ 41	27/ 32	35/ 26	23/ 72
82	24/ 42	25/ 30	27/ 50	22/ 43	26/ 23	26/ 20	33/ 43	33/ 32	31/ 25	21/ 35	23/ 40	23/ 41	27/ 50
83	19/ 32	21/ 37	22/ 30	21/ 31	24/ 31	18/ 25	02/ 37	28/*20	30/ 45	29/ 36	23/ 38	26/ 33	30/*45
84	28/ 32	36/ 34	31/ 38	19/ 51	23/ 34	19/ 36	28/ 25	28/ 29	16/ 29	19/ 32	18/ 33	24/ 40	19/ 51
85	01/ 32	26/ 32	07/ 36	24/ 40	23/ 46	27/ 35	16/ 29	20/ 31	14/ 34	18/ 34	22/ 43	24/ 35	23/ 46
86	21/ 36	06/ 26	28/ 38	29/ 58	28/ 40	29/ 35	30/ 45	29/ 30	28/ 32	30/ 33	21/ 38	24/ 30	29/ 58
87	31/ 29	31/ 45	36/ 35	30/ 37	24/ 48	17/ 30	27/ 31	22/ 35	25/ 28	19/ 34	21/ 37	07/ 40	24/ 48
88	32/ 39	19/ 38	24/ 30	26/ 35	30/ 32	26/ 30	31/ 26	18/ 42	20/ 24	25/ 36	22/ 43	22/ 36	22/ 43
89	22/ 44	27/ 37	20/ 30	29/ 28	24/ 43	25/ 30	27/ 26	23/ 28	36/ 48	33/ 36	30/ 52	30/ 32	30/ 52
90	24/ 46	35/ 38	24/ 33	19/ 33	29/ 38	23/ 34	20/ 28						24/*46
GREATEST	24/ 64	21/ 53	27/ 50	29/ 58	23/ 51	23/ 72	22/ 64	25/ 48	NW 53	28/ 51	26/ 52	24/ 57	23/ 72
TOTAL OBS	898	817	921	896	926	896	926	874	861	881	859	888	10643

THE PEAK WIND OF 72 FROM 23/ OCCURRED ON 06/15/81

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

C - 2 - 1B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.2	3.0	15.3	24.6	26.7	15.8	9.7	2.3	2.0	.3	.0	21.4	21.0	898
FEB	.0	2.6	21.4	26.3	25.7	14.0	7.0	2.0	.9	.2	.0	20.1	19.0	817
MAR	.0	3.9	18.7	28.1	23.7	12.8	7.3	4.2	1.2	.1	.0	20.3	19.0	921
APR	.0	1.2	17.1	28.0	25.2	15.7	7.0	3.0	2.0	.7	.0	21.3	20.0	896
MAY	.0	1.7	23.7	27.3	23.2	13.7	6.7	2.1	1.5	.1	.0	20.1	19.0	926
JUN	.0	2.3	24.1	28.1	25.8	11.2	5.9	1.9	.6	.0	.1	19.4	18.0	896
JUL	.0	3.8	23.4	34.9	25.2	8.7	2.4	.9	.5	.2	.0	18.3	18.0	926
AUG	.1	2.9	27.1	34.8	20.6	10.1	2.5	1.3	.7	.0	.0	18.0	17.0	874
SEP	.0	4.4	23.7	32.6	22.8	10.2	4.2	1.3	.7	.1	.0	18.7	18.0	861
OCT	.0	3.1	23.8	24.7	22.4	16.9	6.0	2.2	.8	.1	.0	19.8	19.0	881
NOV	.1	3.3	21.1	25.1	22.9	14.2	7.6	4.1	1.4	.2	.0	20.5	20.0	859
DEC	.2	3.3	18.6	27.5	23.8	15.9	6.1	2.8	1.7	.2	.0	20.4	20.0	888
ANNUAL	.1	3.0	21.5	28.5	24.0	13.3	6.0	2.3	1.2	.2	.0	19.9	19.0	10643

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	2.2	.6									3.3	6.9	7.0
020-040	.2	.2	.6	.4								1.5	11.4	12.5
050-070	.3	.4	.9	.4								2.0	10.4	11.0
(E) 080-100	.3	1.1	.3	.2								1.9	7.9	7.0
110-130	1.2	.6	.5									2.4	6.1	5.0
140-160	.9	1.4	.6	.1								3.0	7.1	7.5
(S) 170-190	3.1	4.1	3.9	.6								11.7	7.8	8.0
200-220	6.8	9.9	4.8	1.2	.3							23.0	7.4	7.0
230-250	5.6	6.2	2.8	.5	.1							15.3	6.6	6.0
(W) 260-280	3.2	3.1	1.7	.6								8.7	7.0	6.0
290-310	3.3	4.4	2.0	.1	.1							10.0	6.6	6.0
320-340	1.3	3.3	1.8	.5	.1							7.1	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											10.0	////////	
TOTALS	26.7	36.9	20.5	4.6	.6							100.0	6.6	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 03-05

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.3	1.3	.8		.1							2.5	7.9	7.0
020-040		.1	.2	.4		.2							1.0	12.2	13.0
050-070		.2	.5	.9	.6	.3							2.6	12.2	12.0
(E) 080-100		.2	1.0	.4									1.6	7.3	6.0
110-130		.8	.3	.2									1.3	4.8	3.0
140-160		.3	1.1	.6									2.0	7.3	7.0
(S) 170-190		3.7	4.3	2.4	.4	.1							10.9	7.0	7.0
200-220		7.1	10.0	4.2	1.3	.5							23.1	7.3	6.0
230-250		5.1	6.7	2.2	.5								14.4	6.4	6.0
(W) 260-280		2.4	3.1	2.0	.4								8.0	7.1	6.0
290-310		2.6	5.2	1.8	.5	.3							10.4	7.8	7.0
320-340		2.4	3.2	2.4									8.0	7.3	7.0
VARIABLE															
CALM		////////////////////////////////////										14.3	////////////////////////////////		
TOTALS		25.2	36.9	18.3	3.7	1.5							100.0	6.3	6.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.7	.5		.3							2.9	9.4	8.0
020-040	.1	.1	.9									1.1	11.2	12.5
050-070	.1	.5	1.0	.4								2.0	11.6	13.0
(E) 080-100		1.0	.2	.1	.1							1.4	9.3	8.0
110-130	.3	.5										.9	5.8	6.5
140-160	.5	.6	1.0									2.2	8.3	8.0
(S) 170-190	3.0	4.7	2.5	.4								10.6	7.3	7.0
200-220	9.2	7.8	3.4	1.2	.4	.2						22.4	6.8	5.0
230-250	5.1	6.7	3.8	.4								15.9	7.0	6.5
(W) 260-280	2.6	2.5	1.3	.2								6.6	6.5	5.0
290-310	3.1	4.7	4.1	.6	.1							12.7	7.8	8.0
320-340	1.7	3.8	1.7	.6								7.8	7.7	7.0
VARIABLE														
CALM	////////////////////////////////////											13.5	////////	
TOTALS	26.0	34.6	20.4	3.9	.9	.2						100.0	6.4	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.8	1.3	.2	.2							3.9	9.3	8.5
020-040	.2	.2	.9	.3								1.6	11.4	12.0
050-070	.2	.6	.6	.5								2.0	10.8	11.0
(E) 080-100		.8	.2									1.0	8.4	8.0
110-130	.2	.9	.5									1.6	8.1	8.0
140-160	.8	1.4	.6	.1								2.9	6.8	7.0
(S) 170-190	2.0	5.2	4.1	1.0								12.3	8.6	8.0
200-220	6.0	9.1	4.1	1.0	.8	.1	.2					21.3	8.0	7.0
230-250	3.7	4.8	4.2	.9	.2		.1					13.9	8.3	8.0
(W) 260-280	1.9	4.4	1.5	.3	.2							8.4	7.4	7.0
290-310	3.2	4.9	4.2	1.0	.2							13.5	8.3	8.0
320-340	1.3	4.4	2.0	.4								8.2	7.8	7.0
VARIABLE														
CALM	////////////////////////////////////											9.5	////////	
TOTALS	19.8	38.5	24.2	5.7	1.6	.1	.3					100.0	7.5	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.5	1.7	1.7	.2								5.2	7.9	8.0
020-040	.6	.1	1.1	.1	.1							2.0	9.2	11.0
050-070	.4	.4	.9	.5								2.3	10.3	10.0
(E) 080-100	.8	1.1	.2	.2								2.3	6.7	7.0
110-130	1.0	1.9	.9									3.8	7.0	7.0
140-160	1.1	1.5	.6	.1								3.3	6.8	6.0
(S) 170-190	1.6	4.5	5.3	1.4	.4							13.2	10.0	10.0
200-220	1.5	6.0	6.2	1.6	.5	.1						16.0	10.2	10.0
230-250	2.6	5.3	5.5	1.8	.8	.3	.1					16.3	10.2	10.0
(W) 260-280	1.2	3.3	3.7	1.5	.3							10.0	10.2	10.0
290-310	1.3	4.1	4.4	1.4								11.2	9.7	10.0
320-340	1.6	4.3	3.8	.4								10.1	8.6	8.0
VARIABLE														
CALM	////////////////////////////////////										4.3	////////////////////////////////		
TOTALS	15.2	34.2	34.3	9.2	2.1	.4	.1					100.0	9.1	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	2.3	.9									5.1	6.0	6.0
020-040	.4	1.3	.8	.2	.1							2.8	8.5	7.5
050-070	2.2	.6	.6	.2	.1							3.8	6.3	4.0
(E) 080-100	1.1	1.0	.2	.2	.2							2.7	7.0	5.0
110-130	1.6	1.8	.6									4.1	6.4	6.0
140-160	.9	2.9	.5									4.3	6.7	7.0
(S) 170-190	1.9	8.8	5.3	1.5								17.5	8.8	8.0
200-220	1.4	4.7	4.8	1.8	.3							13.1	10.0	10.0
230-250	2.3	4.9	5.5	1.5	.3	.1						14.6	9.5	10.0
(W) 260-280	1.6	3.7	2.9	1.3	.1							9.6	9.2	9.0
290-310	1.3	4.0	4.5	1.5	.2							11.5	9.9	10.0
320-340	1.5	3.2	2.7	.1								7.5	7.9	8.0
VARIABLE														
CALM	////////////////////////////////////											3.4	////////////////////////////////	
TOTALS	18.1	39.2	29.3	8.3	1.3	.1						100.0	8.4	8.0

TOTAL NUMBFR OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.5	.3	.2								3.5	6.1	5.0
020-040	.5	1.0	1.0	.3	.1							2.9	9.3	8.0
050-070	.4	.5	.4	.1								1.5	8.1	7.0
(E) 080-100	1.0	.6	.2	.2	.2							2.3	7.9	8.0
110-130	1.4	.8	.4	.3								2.9	6.3	5.0
140-160	3.2	3.2	.5									7.0	5.2	5.0
(S) 170-190	4.1	7.0	4.8	.9	.1							16.9	7.9	8.0
200-220	3.7	4.8	3.1	.8	.4							12.8	8.0	7.0
230-250	2.7	4.2	3.4	1.1	.5	.1						12.0	8.9	8.0
(W) 260-280	3.1	4.0	2.7	.2								10.0	6.9	6.0
290-310	1.7	4.7	2.4	.9	.2							9.9	8.4	8.0
320-340	1.5	3.4	1.6	1.0								7.5	8.1	7.5
VARIABLE														
CALM	////////////////////////////////////											10.8	////////	
TOTALS	24.8	35.7	20.8	6.0	1.5	.1						100.0	6.9	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.0	.6									2.7	6.3	5.0
020-040	.2	.6	.3	.8								1.9	10.7	13.5
050-070	.5	.4	.2	.5	.2							1.9	10.2	10.0
(E) 080-100	.4	.5	1.0	.1								2.0	8.4	10.0
110-130	.5	.8	.9	.2								2.4	8.6	8.5
140-160	.8	3.0	1.0									4.7	7.2	7.0
(S) 170-190	2.5	5.8	4.4	.2								12.9	8.0	8.0
200-220	5.7	7.5	4.4	1.1								18.7	7.3	7.0
230-250	4.8	4.8	3.5	1.1	.5	.1						14.9	8.0	6.0
(W) 260-280	3.1	3.8	1.2	.1								8.2	6.2	6.0
290-310	3.9	3.8	2.6	.6	.2							11.1	7.4	6.0
320-340	1.5	3.5	1.8	.6	.1							7.6	8.1	8.0
VARIABLE														
CALM	////////////////////////////////////											10.9	////////	
TOTALS	25.0	35.5	21.9	5.3	1.0	.1						100.0	6.9	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB/OSCODA MI PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 5 MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.7	.8	.1	.1							3.6	7.4	7.0
020-040	.3	.5	.7	.3	.1							1.9	10.1	11.0
050-070	.6	.5	.7	.4	.1							2.3	9.8	10.0
(E) 080-100	.5	.9	.3	.1	.1							1.9	7.7	7.0
110-130	.9	1.0	.5	.1								2.4	6.7	7.0
140-160	1.0	1.9	.7	.0								3.7	6.6	7.0
(S) 170-190	2.7	5.6	4.1	.8	.1							13.3	8.2	8.0
200-220	5.2	7.5	4.4	1.2	.4	.1	.0					18.8	7.9	7.0
230-250	4.0	5.5	3.9	1.0	.3	.1	.0					14.7	8.1	7.0
(W) 260-280	2.4	3.5	2.1	.6	.1							8.7	7.7	7.0
290-310	2.6	4.5	3.3	.8	.2							11.3	8.3	8.0
320-340	1.6	3.7	2.2	.5	.0							8.0	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											9.6	////////	
TOTALS	22.7	36.8	23.7	5.9	1.5	.2						100.0	7.2	8.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	3.2	2.3	.2								6.3	8.6	8.0
020-040	.6	1.0	2.3	1.0								4.9	10.8	12.0
050-070	.9	1.0	2.9	1.8	.5							7.1	11.9	12.0
(E) 080-100	1.4	1.9	1.0	.2	.2							4.7	7.6	7.5
110-130	1.1	1.7	1.0	.1								4.0	7.1	6.0
140-160	1.7	3.4	1.8	.2								7.0	7.1	7.0
(S) 170-190	4.0	6.7	4.8	.9	.1							16.5	7.9	8.0
200-220	4.4	7.3	3.8	.6	.2	.1						16.4	7.5	7.0
230-250	2.3	2.8	1.2	.6	.5							7.3	8.3	7.0
(W) 260-280	1.0	1.1	1.0	.2	.2							3.6	8.1	7.0
290-310	.9	1.7	2.6	1.0	.3							6.5	10.4	10.0
320-340	1.2	2.8	3.1	.7								7.8	9.0	9.0
VARIABLE														
CALM	////////////////////											7.9	////////	
TOTALS	20.1	34.6	27.8	7.5	2.0	.1						100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 1239

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	2.7	1.4	.1								6.6	6.5	6.0
020-040	.7	.9	.7	.2	.2							2.8	9.3	9.0
050-070	.9	1.1	1.3	.2								3.5	8.2	7.0
(E) 080-100	.5	1.7	.1									2.2	6.5	7.0
110-130	.7	.8	.2									1.8	5.5	5.0
140-160	1.4	1.7	.2									3.3	5.4	5.5
(S) 170-190	2.5	3.8	2.2									8.5	7.0	6.0
200-220	5.7	8.5	4.3	.7	.1							19.3	6.9	6.0
230-250	4.3	3.9	.9									9.1	5.0	5.0
(W) 260-280	3.7	3.5	1.3	.7								9.2	6.4	6.0
290-310	3.5	4.4	1.8	.1								9.8	6.2	6.0
320-340	3.5	4.3	1.7	.4								9.8	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											13.9	////////	
TOTALS	29.8	37.3	16.1	2.4	.3							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 03-05

		WIND SPEED IN KNOTS														
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010		2.8	3.9	1.3	.1	.1							8.3	6.5	6.0	
020-040		.6	.5	.8	.2	.2							2.4	10.4	12.0	
050-070		.8	.5	1.5	.2	.1							3.2	9.5	10.0	
(E) 080-100		.9	1.5	.5									3.0	6.4	5.0	
110-130		.9	.9	.1									2.0	4.9	5.0	
140-160		1.8	1.7										3.4	4.6	4.0	
(S) 170-190		1.7	4.3	1.4	.2	.2							7.8	7.6	7.0	
200-220		7.4	8.2	3.5	.7								19.9	6.5	6.0	
230-250		4.6	3.5	.5									8.6	4.9	4.0	
(W) 260-280		3.4	2.0	1.5		.1							7.1	5.8	5.0	
290-310		3.5	4.3	2.4	.2	.1							10.5	6.6	6.0	
320-340		3.5	4.3	1.3	.5								9.6	6.2	6.0	
VARIABLE																
CALM		////////////////////////////////////											14.3	////////		
TOTALS		31.9	35.6	14.8	2.1	.8							100.0	5.5	6.0	

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	4.0	1.5	.4								8.2	7.2	7.0
020-040	.2	.9	1.7	.1								3.0	9.8	10.0
050-070	.5	.7	.6	.6	.1							2.5	10.2	12.0
(E) 080-100	.8	.6	1.1									2.5	7.8	8.0
110-130	1.4	.6										2.0	4.2	4.0
140-160	.5	2.1	.7									3.3	7.2	6.0
(S) 170-190	3.3	4.4	.7	.5		.1						9.0	6.7	6.0
200-220	8.5	7.0	3.2	.2								18.9	5.8	5.0
230-250	4.3	3.5	.9									8.7	4.9	5.0
(W) 260-280	4.3	2.0	.9									7.2	5.0	4.0
290-310	3.9	3.5	3.3	.5								11.2	7.1	7.0
320-340	3.1	4.8	1.4	.1			.1					9.6	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											13.9	////////	
TOTALS	33.0	34.1	16.0	2.4	.1	.1	.1					100.0	5.6	6.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	4.7	2.6	.2	.4							9.7	8.2	8.0
020-040	.8	.9	1.2	.5								3.4	9.0	8.0
050-070	.4	.9	1.5	.7								3.5	10.9	12.0
(E) 080-100	1.4	1.2	1.7									4.3	7.2	6.5
110-130	.2	1.7	.5									2.4	7.3	7.0
140-160	.4	.7	.8									1.9	8.3	9.0
(S) 170-190	1.2	3.4	3.0	.7								8.3	8.7	8.0
200-220	6.6	7.7	4.7	1.1	.2							20.3	7.3	6.0
230-250	4.1	3.9	2.5	.2	.2							11.0	7.0	6.0
(W) 260-280	1.1	2.7	1.7	.4								5.8	8.3	8.0
290-310	2.0	3.5	3.4	.5								9.5	8.0	8.0
320-340	2.4	5.2	3.7	.2	.1		.1					11.7	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											8.3	////////	
TOTALS	22.4	36.5	27.3	4.5	.9		.1					100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCOJA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	5.0	2.4	.6	.2							9.8	8.4	8.0
020-040	1.9	1.3	3.1	.5	.2							7.0	9.3	10.0
050-070	1.1	2.7	1.9	.7								6.4	8.6	7.5
(E) 080-100	1.4	2.7	.8									5.0	6.2	6.0
110-130	1.1	1.8	.4									3.2	6.1	7.0
140-160	1.2	3.0	.8									5.0	6.9	7.0
(S) 170-190	1.2	4.3	3.7	1.1								10.2	9.0	9.0
200-220	2.6	6.1	5.0	2.4	.5							16.5	9.5	9.0
230-250	1.8	2.7	3.7	1.9								10.0	9.7	10.0
(W) 260-280	.7	2.1	4.1	.7	.2	.1						8.0	10.7	10.0
290-310	1.1	3.5	2.7	1.2	.4							8.9	9.7	9.0
320-340	.6	3.7	3.1	.2	.1	.2						7.9	9.4	9.0
VARIABLE														
CALM	////////////////////////////////////											2.1	////////	
TOTALS	16.4	38.9	31.7	9.3	1.6	.3						100.0	8.8	8.5
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	4.0	2.5	.4								8.4	7.7	7.0
020-040	.9	1.9	2.6	.8	.1							6.4	10.1	10.0
050-070	2.5	3.4	1.4	.2	.1							7.7	6.8	6.0
(E) 080-100	1.8	4.0	.7									6.5	6.3	6.0
110-130	1.7	3.1	.1									4.8	4.8	5.0
140-160	2.5	2.6	.8									5.9	5.9	6.0
(S) 170-190	.8	5.0	5.0	1.1	.1							11.9	9.6	10.0
200-220	1.2	4.0	5.0	1.7	.5							12.3	10.3	10.0
230-250	.7	3.5	3.9	1.1	.1							9.3	10.0	10.0
(W) 260-280	.6	3.4	3.7	1.4	.1							9.2	10.5	10.0
290-310	1.1	3.3	2.5	1.2								8.0	9.5	9.0
320-340	1.3	3.2	2.1	.5	.5							7.6	9.1	8.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	16.6	41.4	30.3	8.4	1.5							100.0	8.6	8.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.4	1.4	.5	.1							8.2	7.2	6.0
020-040	1.8	2.6	.4	.8								5.6	7.2	7.0
050-070	.8	1.4	1.5	.2								4.0	8.2	7.0
(E) 080-100	1.2	1.9	.2									3.3	5.3	5.0
110-130	2.7	.9										3.7	3.4	3.0
140-160	2.7	2.4	.7									5.8	5.2	5.0
(S) 170-190	2.5	6.9	2.6	.4								12.3	7.3	7.0
200-220	2.8	5.6	4.1	1.2	.2							13.9	8.6	8.0
230-250	1.9	3.0	2.2	.5								7.6	8.0	8.0
(W) 260-280	1.5	4.5	2.5	.5								9.0	7.9	8.0
290-310	2.2	1.9	1.9	.6								6.6	7.6	8.0
320-340	2.5	2.0	1.9	.7	.1							7.2	7.4	6.0
VARIABLE														
CALM	////////////////////////////////////											12.9	////////////////////////////////	
TOTALS	25.3	36.5	19.4	5.4	.4							100.0	6.4	7.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	2.8	1.3									5.3	6.6	7.0
020-040	.7	1.1	1.2	.6								3.5	9.2	9.5
050-070	.1	.7	.6	.6	.1							2.1	11.3	12.0
(E) 080-100	.4	2.7	.5									3.5	6.6	7.0
110-130	1.4	.9	.1									2.5	4.7	4.0
140-160	1.8	.5	.2									3.0	4.6	4.0
(S) 170-190	3.4	3.4	2.5	.5								9.8	7.1	6.0
200-220	3.4	6.7	4.4	.8	.6							16.0	8.2	7.0
230-250	2.8	4.0	2.0									8.9	6.5	6.0
(W) 260-280	5.1	2.7	1.3									9.1	5.3	4.0
290-310	3.1	2.6	2.1	.2								8.0	6.5	7.0
320-340	3.5	3.5	2.6	.5	.1							10.3	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											18.0	////////////////////////////////	
TOTALS	26.9	32.0	18.8	3.2	.8							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.0	3.8	1.8	.3	.1							8.1	7.4	7.0
020-040	1.0	1.3	1.4	.5	.1							4.3	9.2	9.0
050-070	.9	1.4	1.3	.4	.1							4.1	8.7	8.0
(E) 080-100	1.0	2.0	.7									3.8	6.5	6.0
110-130	1.3	1.3	.2									2.8	5.0	5.0
140-160	1.5	1.9	.5									3.9	5.9	6.0
(S) 170-190	2.1	4.4	2.6	.5	.0	.0						9.7	7.9	7.0
200-220	4.8	6.7	4.3	1.1	.3							17.1	7.7	7.0
230-250	3.1	3.5	2.1	.5	.0							9.2	7.1	6.0
(W) 260-280	2.5	2.9	2.1	.5	.1	.0						8.1	7.5	7.0
290-310	2.6	3.4	2.5	.6	.1							9.1	7.6	7.0
320-340	2.6	3.9	2.2	.4	.1	.0	.0					9.2	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											10.7	////////////////////////////////	
TOTALS	25.4	36.5	21.7	4.8	.9							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	7.3	4.1	.5	.1							15.2	7.7	8.0
020-040	.9	1.8	2.9	1.0	.1							6.7	10.1	11.0
050-070	1.0	2.1	2.3	.8	.2							6.3	9.5	10.0
(E) 080-100	2.7	3.7	1.3									7.7	6.0	5.0
110-130	3.0	2.6	.2									5.7	4.6	4.0
140-160	2.8	2.6	.4									5.8	5.3	5.0
(S) 170-190	2.4	4.8	2.5	.5								10.2	7.6	7.0
200-220	2.7	3.9	4.1	.5								11.1	8.1	8.0
230-250	1.4	.9	.5									2.8	5.7	4.5
(W) 260-280	.6	.6	.5	.4	.1							2.3	9.2	9.0
290-310	2.1	3.2	1.8	.2	.2							7.4	7.3	7.0
320-340	3.3	2.7	1.6	.2	.2							8.1	6.7	5.0
VARIABLE														
CALM	////////////////////											10.7	////////////////	
TOTALS	26.1	36.2	22.2	4.1	.9							100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 1279

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB/OSCODA MI PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 5 MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)		WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N)	350-010	2.4	1.8	2.2	.4							6.8	7.2	7.0
	020-040	1.2	1.3	1.5	.3	.1						4.4	8.4	8.0
	050-070	1.2	1.5	1.9	1.2	.1						5.9	10.1	11.0
(E)	080-100	1.3	.6	.3								2.3	4.7	4.0
	110-130	1.3	1.5	.2								3.0	5.4	5.0
	140-160	1.3	1.2	.4	.1							3.0	5.7	5.0
(S)	170-190	2.6	3.9	1.4	.4							8.3	6.8	6.0
	200-220	3.4	4.4	.5	.6							10.0	6.8	6.0
	230-250	3.3	2.4	.6	.1							6.5	5.4	4.0
(W)	260-280	4.1	1.8	1.2								7.1	5.1	4.0
	290-310	4.9	5.1	2.8	.4	.1						13.3	6.6	6.0
	320-340	4.0	4.8	1.1	.5	.1						10.5	6.2	6.0
VARIABLE														
CALM		////////////////////////////////////										18.9	////////////////////////////////	
TOTALS		31.0	30.3	15.1	4.0	.4						100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 03-05

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.6	3.2	2.0	.2	.1							8.2	7.3	6.0
020-040		1.8	1.5	1.2	.3	.3							5.2	7.9	6.0
050-070		1.0	1.7	1.9	.8	.1	.1						5.6	9.8	10.0
(E) 080-100		.4	.9	.1									1.4	5.4	5.0
110-130		1.1	.8	.2									2.0	5.0	4.0
140-160		1.7	.9										2.6	4.0	4.0
(S) 170-190		3.4	4.0	.4									7.8	5.3	5.0
200-220		2.8	5.1	2.6	.4								10.9	7.4	7.0
230-250		2.5	1.3	.6									4.4	5.1	4.0
(W) 260-280		2.9	1.9	1.0		.1							5.9	5.6	5.0
290-310		5.5	5.1	1.7	.5								12.8	6.1	5.0
320-340		3.4	5.8	1.6	.6	.2							11.7	7.0	6.0
VARIABLE															
CALM		// //////////////////////////////////////											21.5	//////////	
TOTALS		9.1	32.2	13.3	2.8	.8	.1						100.0	5.2	6.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 06-08

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.9	2.8	1.9	.1	.2							7.0	7.6	7.0
020-040		1.9	1.8	1.8	.5	.2							6.3	8.1	7.0
050-070		.8	1.5	1.9	.4	.1	.1						4.8	9.6	10.0
(E) 080-100		.6	1.4	.6									2.7	6.9	7.0
110-130		1.3	.8	.2									2.3	4.4	3.0
140-160		1.0	1.3	.1									2.4	5.4	6.0
(S) 170-190		4.2	3.8	1.0									8.9	5.3	5.0
200-220		4.3	5.1	2.7	.1								12.2	6.4	6.0
230-250		2.0	1.5	.5	.1	.2							4.4	6.2	5.0
(W) 260-280		2.6	1.5	.5	.3								4.9	5.5	4.0
290-310		4.2	5.7	1.9	.4	.3							12.6	6.9	6.0
320-340		2.7	6.7	2.5	.6	.1							12.6	7.5	7.0
VARIABLE															
CALM		////////////////////////////////////											18.9	////////	
TOTALS		27.5	33.9	15.6	2.5	1.1	.1						100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.5	3.4	1.8	.5	.1							7.4	8.1	7.0
020-040		2.0	3.2	2.0	1.1	.2							8.6	8.5	8.0
050-070		1.5	4.1	1.9	.6		.1						8.3	8.5	8.0
(E) 080-100		1.7	2.7	.6									5.1	5.9	6.0
110-130		.5	3.2	.4									4.2	6.6	7.0
140-160		.8	2.5	.6									3.9	6.9	7.0
(S) 170-190		1.6	4.0	3.1	.3								9.0	7.9	8.0
200-220		3.2	5.4	3.2	.4	.3							12.6	7.7	7.0
230-250		1.4	2.4	2.0	.6	.3							6.8	9.5	9.0
(W) 260-280		.8	.9	1.2	1.2	.1							4.1	10.9	11.0
290-310		1.5	3.8	3.3	1.0	.5							10.1	9.7	9.0
320-340		2.0	5.9	4.4	1.0	.3							13.7	8.9	9.0
VARIABLE															
CALM		////////////////////////////////////											6.3	////////	
TOTALS		18.5	41.5	24.5	6.7	1.8	.1						100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 12-14

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.4	3.0	2.7	.8	.1							7.0	9.9	10.0
020-040		1.3	4.7	3.4	.6								10.1	8.6	8.0
050-070		1.7	8.2	3.0	.6	.1							13.7	7.9	7.0
(E) 080-100		1.6	4.9	.8									7.3	6.1	6.0
110-130		1.1	4.8	.4									6.3	6.4	6.0
140-160		.4	4.1	.9									5.4	7.2	7.0
(S) 170-190		1.3	3.5	3.3	.6	.3							9.1	9.4	9.0
200-220		1.0	3.5	2.6	1.5	.2							8.8	10.0	9.0
230-250		.6	2.0	2.7	1.0	.3	.4						7.1	11.7	11.0
(W) 260-280		.8	2.4	2.7	1.0	.3							7.1	10.4	10.0
290-310		.6	3.4	3.2	1.4								8.7	10.1	10.0
320-340		.8	2.5	4.7	.6	.2							8.3	10.1	10.0
VARIABLE															
CALM		////////////////////////////////////											1.1	////////////////////////////////	
TOTALS		11.6	47.0	29.9	8.1	1.5	.4						100.0	8.9	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	2.0	1.9	.8								5.3	9.7	10.0
020-040	.6	4.6	5.7	.5	.1							11.6	9.6	10.0
050-070	2.2	8.8	1.4	.4								12.8	7.2	7.0
(E) 080-100	3.3	5.9	.6									9.9	5.8	6.0
110-130	1.6	5.9	.2									7.7	5.9	6.0
140-160	1.2	3.3	1.5									6.0	6.5	7.0
(S) 170-190	.4	3.7	4.2	.9	.1							9.2	9.9	10.0
200-220	.4	1.9	2.0	.8	.4							5.6	10.7	10.0
230-250	.2	2.0	2.2	1.5	.3	.1						6.3	11.9	12.0
(W) 260-280	.1	2.4	2.7	1.7	.3	.1						7.3	11.7	12.0
290-310	.6	3.1	4.2	1.4	.2							9.6	10.5	10.0
320-340	.3	3.9	2.7	.6								7.5	9.6	9.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////	
TOTALS	11.4	47.5	29.3	8.6	1.4	.2						100.0	8.8	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 18-20

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		4.3	4.3	1.8	.1	.1							10.6	6.1	6.0
020-040		2.4	5.1	1.9									9.4	6.6	7.0
050-070		2.6	3.5	1.4	.4								8.0	6.9	6.0
(E) 080-100		2.8	1.9	.2									4.9	4.8	4.0
110-130		4.4	2.8	.1									7.3	4.1	4.0
140-160		2.7	2.5	.6									5.8	5.1	5.0
(S) 170-190		1.7	3.4	1.9	.2								7.3	7.1	6.0
200-220		1.5	2.0	1.5	.9	.1							6.0	8.6	7.5
230-250		1.1	2.7	1.1	.3								5.2	7.8	8.0
(W) 260-280		1.5	3.3	3.0	.4	.1		.1					8.5	9.0	8.0
290-310		1.4	4.9	3.3	.9								10.5	8.6	8.5
320-340		2.5	2.9	1.7	.2								7.3	6.7	6.0
VARIABLE															
CALM		////////////////////////////////////										9.1	////////////////////////////////		
TOTALS		28.9	39.3	18.5	3.4	.3		.1					100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	2.7	2.2	.4								8.7	7.0	6.0
020-040	1.9	1.7	1.2	.1								4.9	6.4	5.5
050-070	1.3	2.3	1.4	.8								5.7	8.4	8.0
(E) 080-100	1.2	.8										1.9	4.4	4.0
110-130	1.4	2.0	.2									3.7	5.5	5.5
140-160	1.4	2.2	1.4									4.9	6.8	7.0
(S) 170-190	2.5	2.5	1.4	.2								6.6	6.6	5.0
200-220	3.8	3.2	1.6	.2								8.8	5.9	5.0
230-250	2.6	1.6	1.1	.4								5.7	6.4	5.0
(W) 260-280	4.1	3.2	1.1	.1								8.5	5.3	5.0
290-310	3.0	4.3	2.6	.4	.1							10.4	7.4	7.0
320-340	4.4	4.0	2.5	.1	.1							11.1	6.5	6.0
VARIABLE														
CALM	////////////////////											19.0	////////	
TOTALS	31.0	30.5	16.7	2.7	.2							100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	2.9	2.1	.4	.1							7.6	7.7	7.0
020-040	1.7	3.0	2.4	.4	.1							7.6	8.2	8.0
050-070	1.5	4.0	1.9	.7	.1	.0						8.1	8.2	7.0
(E) 080-100	1.6	2.4	.4									4.4	5.7	5.5
110-130	1.6	2.7	.3									4.6	5.5	6.0
140-160	1.3	2.2	.7	.0								4.2	6.2	6.0
(S) 170-190	2.2	3.6	2.1	.3	.1							8.3	7.4	7.0
200-220	2.6	3.8	2.2	.6	.1							9.4	7.7	7.0
230-250	1.7	2.0	1.4	.5	.1	.1						5.8	8.3	8.0
(W) 260-280	2.1	2.2	1.7	.6	.1	.0	.0					6.7	7.9	7.0
290-310	2.7	4.4	2.9	.8	.2							11.0	8.0	7.0
320-340	2.5	4.6	2.6	.6	.1							10.3	7.7	7.0
VARIABLE														
CALM	////////////////////////////////////											12.0	////////////////////////////////	
TOTALS	23.6	37.8	20.7	4.9	1.0	.1						100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.6	4.8	4.4	.5	.1							12.3	8.2	8.0
020-040	2.0	5.7	3.9	.5	.1							12.2	8.0	7.0
050-070	2.8	7.9	4.5	1.6	.2	.1						17.1	8.7	8.0
(E) 080-100	2.9	4.3	1.4									8.6	6.3	6.0
110-130	1.4	2.6	.4									4.4	5.5	5.0
140-160	1.9	1.9	1.1	.1								5.0	6.3	6.0
(S) 170-190	2.0	4.0	1.9	.3								8.1	7.0	6.0
200-220	1.5	4.3	1.7	.4								7.9	7.3	6.5
230-250	.5	1.6	.8	.2		.1						3.2	8.4	8.0
(W) 260-280	.7	.8	.7	.2								2.4	7.6	8.0
290-310	.5	1.4	.9	.3	.1							3.2	8.8	8.0
320-340	.9	3.6	3.1	.3	.1							7.9	8.6	8.5
VARIABLE														
CALM	////////////////////////////////////											7.5	////////////////////////////////	
TOTALS	19.7	42.9	24.8	4.4	.6	.2						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 1110

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 00-02

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.2	3.4	1.6	.4	.2							8.9	7.0	6.0
020-040		2.3	1.1	1.6	.6								5.6	7.7	7.0
050-070		.7	1.9	1.3	.1								4.0	7.8	7.5
(E) 080-100		1.0	.8	.2									2.0	5.7	5.0
110-130		1.9	.9										2.8	4.0	4.0
140-160		1.3	2.2	.3									3.9	5.4	5.0
(S) 170-190		3.4	2.7	1.8	.3								8.2	6.5	6.0
200-220		5.1	3.8	1.2	.1								10.2	5.3	4.5
230-250		3.8	1.7	.1	.2								5.8	4.6	4.0
(W) 260-280		3.3	1.6	1.0	.1	.1							6.1	5.8	4.0
290-310		2.2	3.9	2.8	.8		.1						9.8	7.9	7.0
320-340		4.0	5.4	.7									10.1	5.3	5.0
VARIABLE															
CALM		////////////////////////////////////										22.7	////////////////////////////////		
TOTALS		32.2	29.4	12.6	2.6	.3	.1						100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 900															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	2.6	2.2	.8								7.7	7.9	7.0
020-040	2.1	2.1	.9	.7								5.8	7.1	6.0
050-070	.9	2.0	.9									3.8	6.8	7.0
(E) 080-100	1.2	1.7	.2									3.1	5.3	5.0
110-130	1.3	.3										1.7	3.1	2.0
140-160	1.1	.8	.4									2.3	6.1	5.0
(S) 170-190	2.6	3.4	1.2	.6								7.8	7.1	6.5
200-220	5.0	4.6	1.2									10.8	5.3	5.0
230-250	3.6	3.4	.1	.2								7.3	4.9	5.0
(W) 260-280	2.4	2.3	1.0	.1								5.9	5.7	5.0
290-310	3.0	4.3	2.4	.2								10.0	6.8	6.0
320-340	4.9	5.6	.3	.1								10.9	5.1	5.0
VARIABLE														
CALM	////////////////////////////////////											23.0	////////	
TOTALS	30.2	33.1	10.8	2.7								100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	4.0	2.1	.3	.2							8.8	7.8	7.0
020-040	2.0	2.7	1.7	.3								6.7	7.6	7.0
050-070	1.6	2.3	1.6	.1								5.6	7.0	7.0
(E) 080-100	1.4	1.7	.2									3.3	4.9	5.0
110-130	.7	1.1	.4									2.2	6.1	5.5
140-160	1.0	.8	.3	.1								2.2	6.6	6.5
(S) 170-190	2.8	3.0	.9	.3	.2							7.2	6.8	6.0
200-220	4.7	6.1	1.8	.1	.2							12.9	6.2	5.0
230-250	3.0	2.4	1.1									6.6	6.0	6.0
(W) 260-280	2.7	3.3	.9	.2								7.1	6.2	6.0
290-310	1.6	5.2	3.3	.6	.1	.2						11.0	8.7	8.0
320-340	4.0	5.7	1.7									11.3	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											15.1	////////	
TOTALS	27.6	38.3	16.0	2.0	.7	.2						100.0	5.8	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WUPTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.8	3.4	.7	.3							8.3	9.7	10.0
020-040	1.8	4.2	4.3	.6								10.9	8.5	8.5
050-070	2.0	6.7	1.9									10.6	7.1	7.0
(E) 080-100	1.9	3.2	.7	.2								6.0	6.1	5.0
110-130	1.8	3.1	.3									5.2	5.5	5.0
140-160	1.1	1.2	.9	.4								3.7	8.2	8.0
(S) 170-190	1.0	4.1	2.4	.9	.2	.1	.1					8.9	9.8	9.0
200-220	1.6	4.9	3.3	.7	.4		.1					11.0	9.5	8.0
230-250	.9	2.0	2.1	.8	.2							6.0	9.9	10.0
(W) 260-280	.6	2.8	2.4	.4								6.2	9.3	9.0
290-310	1.1	2.7	4.8	1.9	.6							11.0	11.1	11.0
320-340	1.1	3.6	4.4	1.0								10.1	9.6	10.0
VARIABLE														
CALM	////////////////////////////////////											2.1	////////	
TOTALS	16.0	41.3	30.9	7.6	1.7	.1	.2					100.0	8.7	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB/OSCODA MI PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 5 MONTH: APR HOURS: 12-14

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.4	2.6	2.6	1.3	.2							7.1	10.6	10.0
020-040		.3	3.2	4.6	.7								8.8	9.9	10.0
050-070		1.3	9.3	5.0	.3								16.0	8.3	8.0
(E) 080-100		1.7	6.3	1.1									9.1	6.7	7.0
110-130		1.6	3.4	.9									5.9	6.3	6.0
140-160		.6	3.1	3.4	.2								7.3	9.1	9.5
(S) 170-190		.1	2.7	4.7	2.4	.4							10.3	12.3	12.0
200-220		.3	2.2	1.8	.2	.9	.3						6.8	12.6	11.0
230-250		.4	1.2	3.0	.7	.6	.1						6.0	11.9	12.0
(W) 260-280		.2	1.2	3.1	.9								5.4	11.0	12.0
290-310		.3	1.0	4.9	1.4	.6	.2						8.4	12.7	12.0
320-340		.1	2.6	4.2	.7	.2	.1						7.9	11.4	11.0
VARIABLE															
CALM		////////////////////////////////////										.9	////////////////////////////////		
TOTALS		7.3	38.8	39.3	9.8	2.9	.7						100.0	10.0	10.0
TOTAL NUMBER OF OBSERVATIONS									960						

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	2.4	3.1	.9	.1							7.0	10.5	11.0
020-040	.9	4.4	4.6	.7	.1							10.7	9.5	9.5
050-070	1.9	10.9	4.3	.2								17.3	7.8	8.0
(E) 080-10C	3.0	6.4	.6	.1								10.1	6.0	6.0
110-130	2.2	4.2	1.1									7.6	6.3	6.0
140-160	1.0	3.6	2.3	.1								7.0	8.5	9.0
(S) 170-190	.3	2.1	5.7	2.0	.2							10.3	11.6	12.0
200-220		1.4	1.4	.9	.3	.2						4.3	13.0	12.0
230-250		1.1	2.3	.9	.8	.2						5.3	13.7	12.5
(W) 260-280	.3	1.4	3.4	1.6	.3							7.1	12.0	12.0
290-310	.4	2.1	3.6	2.1	.4							8.7	12.2	12.0
320-340	.2	1.2	1.9	.3	.1							3.8	10.7	10.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	10.6	41.2	34.3	9.8	2.3	.4						100.0	9.6	9.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.3	4.3	1.0	.6								8.2	7.0
020-040	4.8	7.4	2.2	.1								14.6	6.4
050-070	3.0	5.0	.9	.1								9.0	5.9
(E) 080-100	4.1	1.7	.3									6.1	3.9
110-130	2.7	3.1	.3	.1								6.2	5.3
140-160	2.6	3.4	.4									6.4	5.4
(S) 170-190	1.6	4.4	2.1									8.1	7.2
200-220	1.6	1.7	1.2	.3	.6							5.3	8.7
230-250	1.1	1.3	1.6	.4	.3							4.8	9.7
(W) 260-280	.8	2.7	2.0	.8	.2							6.4	9.5
290-310	1.9	2.9	4.7	.6	.1							10.1	9.2
320-340	1.3	2.0	2.4	.3								6.1	8.4
VARIABLE													
CALM	////////////////////////////////////										8.6	////////	
TOTALS	27.8	39.9	19.1	3.3	1.2							100.0	6.5
TOTAL NUMBER OF OBSERVATIONS 900													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		4.1	2.8	1.3	.1	.2							8.6	6.1	5.0
020-040		2.8	2.0	.8	.7								6.2	6.6	5.0
050-070		1.9	2.0	1.1	.8								5.8	7.6	7.0
(E) 080-100		1.2	.6	.3									2.1	5.0	4.0
110-130		1.6	1.2	.1									2.9	4.7	4.0
140-160		3.1	1.8										4.9	4.3	3.0
(S) 170-190		2.6	3.0	.7	.2								6.4	6.0	5.5
200-220		5.0	2.3	.3	.6	.1							8.3	5.6	4.0
230-250		3.6	2.1	.7	.1	.1	.1						6.7	5.6	4.0
(W) 260-280		2.9	1.9	1.1	.3	.1							6.3	6.6	5.0
290-310		2.6	2.1	2.7	1.1	.1							8.6	8.6	9.0
320-340		2.4	4.8	1.6	.2								9.0	6.8	6.0
VARIABLE															
CALM		////////////////////////////////////										24.2	////////////////////////////////		
TOTALS		33.8	26.6	10.7	4.1	.6	.1						100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 900															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE: SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 300-010	2.0	3.1	2.2	.6	.2							8.1	8.2	8.0
020-040	2.1	3.4	2.6	.5	.0							8.6	7.9	8.0
050-070	1.7	5.0	2.1	.2								9.0	7.4	7.0
(E) 080-100	1.9	2.8	.5	.0								5.2	5.7	5.0
110-130	1.7	2.2	.4	.0								4.3	5.5	5.0
140-160	1.5	2.1	1.0	.1								4.7	6.9	7.0
(S) 170-190	1.8	3.2	2.4	.8	.1	.0	.0					8.4	8.7	8.0
200-220	2.9	3.4	1.5	.5	.3	.1	.0					8.7	7.6	6.0
230-250	2.0	1.9	1.4	.4	.3	.1						6.1	8.0	7.0
(W) 260-280	1.7	2.2	1.9	.6	.1							6.3	8.3	8.0
290-310	1.6	3.0	3.6	1.1	.2	.1						9.7	9.6	10.0
320-340	2.3	3.8	2.2	.3	.0	.0						8.7	7.5	7.0
VARIABLE														
CALM	////////////////////											12.2	////////	
TOTALS	23.2	36.1	21.8	5.1	1.2	.3						100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	8.4	5.4	1.5								18.0	8.6	8.0
020-040	1.2	6.9	4.2	2.1								14.5	9.3	9.0
050-070	1.6	4.8	2.7	.7								9.7	7.9	8.0
(E) 080-100	2.9	2.5	.1									5.6	4.4	4.0
110-130	2.7	1.6	.5									4.8	4.7	4.0
140-160	1.5	2.3	1.6	.4								5.7	8.1	8.0
(S) 170-190	.8	1.7	.9	.3								3.7	7.9	7.0
200-220	.4	3.3	.3	.5	.4							4.9	8.8	8.0
230-250	1.7	1.9	.1	.3	.4	.1						4.5	7.9	5.5
(W) 260-280	.5	1.3	.4		.1							2.4	7.6	8.0
290-310	1.2	1.5	1.2	.5	.1	.1						4.6	8.9	9.0
320-340	2.1	6.6	3.4	.3								12.5	8.0	8.0
VARIABLE														
CALM	////////////////////											9.2	////////	
TOTALS	19.4	42.8	20.8	6.6	1.0	.2						100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 754

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	2.8	1.5	.3								8.3	6.0	5.0
020-040	3.1	2.0	1.1	.5								6.8	6.1	5.0
050-070	1.6	1.7	.6									4.0	5.7	5.0
(E) 080-100	1.0	.5										1.5	3.7	3.0
110-130	1.2	.5										1.7	4.1	4.0
140-160	1.5	1.4	.4									3.3	5.1	5.0
(S) 170-190	1.9	2.3	.9	.1								5.2	6.2	6.0
200-220	6.1	3.4	.8	.2								10.5	4.7	4.0
230-250	4.1	1.7	.3	.3	.1							6.6	5.1	4.0
(W) 260-280	3.5	1.7			.1							5.4	4.2	3.0
290-310	3.1	3.5	1.2	.3								8.2	6.2	6.0
320-340	3.5	3.0	.3									6.9	4.6	4.0
VARIABLE														
CALM	////////////////////											31.7	////	////
TOTALS	34.3	24.5	7.1	1.7	.2							100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	3.5	2.2	.5								10.8	6.3	5.0
020-040	1.7	1.5	.4	.5								4.2	6.4	6.0
050-070	1.8	1.4	.8	.3								4.3	6.3	5.0
(E) 080-100	1.3	.6										1.9	3.8	4.0
110-130	1.5	.5										2.0	3.8	4.0
140-160	1.2	1.5										2.7	4.7	5.0
(S) 170-190	2.5	2.8	.8	.1								6.1	5.9	5.0
200-220	7.2	2.5	.8									10.4	4.2	3.0
230-250	3.3	2.3	.9									6.5	5.0	4.0
(W) 260-280	4.1	1.4	.4	.2								6.1	4.7	4.0
290-310	3.8	3.3	.6	.1	.1							8.0	5.3	5.0
320-340	4.1	4.0	.1									8.2	4.5	4.5
VARIABLE														
CALM	////////////////////////////////////											28.8	////////	
TOTALS	37.0	25.3	7.0	1.7	.1							100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.9	5.1	3.3	.3								12.6	6.9	6.0
020-040	3.2	2.8	1.7	.6								8.4	7.2	6.0
050-070	2.3	1.6	.3	.2								4.4	5.5	4.0
(E) 080-100	1.7	1.1	.2									3.0	4.8	4.0
110-130	.9	.6	.2									1.7	5.1	4.0
140-160	1.2	1.2	.2									2.6	5.4	5.5
(S) 170-190	2.9	3.5	1.6	.1	.1							8.3	6.5	7.0
200-220	3.7	4.9	2.5	.1								11.2	6.8	7.0
230-250	1.7	2.6	.1	.3								4.7	5.9	5.0
(W) 260-280	2.7	3.2	.8	.3								7.0	6.1	5.0
290-310	2.7	3.8	1.2	.2								7.8	6.4	6.0
320-340	5.6	4.5	.4									10.5	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											17.7	////////////////////////////////	
TOTALS	32.5	34.9	12.5	2.1	.1							100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	4.0	3.2	.8								9.8	8.4	8.0
020-040	1.8	5.2	3.4	.6								11.1	8.3	8.0
050-070	5.1	9.0	1.4	.1								15.6	5.9	6.0
(E) 080-100	2.9	4.2	.6									7.7	5.3	5.0
110-130	1.8	2.4	.3									4.5	5.4	5.0
140-160	1.3	2.0	.8									4.1	6.5	7.0
(S) 170-190	.5	4.1	3.2	.8	.2							8.8	9.3	9.0
200-220	1.5	4.3	2.8	.6								9.2	8.6	8.0
230-250	.9	4.4	3.1	.3	.2	.1						9.0	9.1	8.0
(W) 260-280	.3	1.4	2.7	.2	.3							4.9	10.4	10.0
290-310	.8	2.2	2.9	.2		.1						6.1	9.4	10.0
320-340	1.3	2.8	1.2									5.3	6.6	6.0
VARIABLE														
CALM	////////////////////											3.8	////////	
TOTALS	20.0	46.0	25.6	3.6	.7	.2						100.0	7.5	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	2.9	2.8	.4								6.7	9.3	9.0
020-040	.8	4.5	4.0	1.0								10.2	9.4	9.0
050-070	1.9	13.9	4.1	.4								20.3	7.7	8.0
(E) 080-100	2.6	10.1	1.1									13.8	6.4	6.0
110-130	.8	4.3	.6									5.7	6.9	7.0
140-160	1.0	3.5	3.0	.3								7.8	8.8	9.0
(S) 170-190	.6	3.4	5.1	.9	.4	.1						10.5	10.5	10.0
200-220	.8	1.8	3.1	.4	.5							6.7	10.4	10.0
230-250	.4	1.4	3.7	.6	.3	.2						6.7	11.7	11.5
(W) 260-280		1.0	2.2	.8	.3	.3						4.5	13.1	12.0
290-310	.1	.8	2.6	.1								3.5	10.9	11.0
320-340	.3	1.1	.9									2.3	7.8	7.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	9.8	48.7	33.2	4.9	1.5	.6						100.0	8.9	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 15-17

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.4	1.7	2.4	1.1								5.6	10.3	10.0
020-040		1.1	7.3	4.9	.6								14.0	8.8	9.0
050-070		2.5	13.8	2.5									18.7	6.9	7.0
(E) 080-100		4.2	9.4	.8									14.3	5.5	5.0
110-130		3.4	6.5	.9									10.8	6.0	6.0
140-160		2.0	2.3	1.6	.3								6.2	6.9	6.0
(S) 170-190		.4	2.0	4.2	.9								7.5	10.5	10.5
200-220		.2	.6	3.4	1.3	1.1	.1						6.8	13.7	12.0
230-250		.1	.5	2.5	.8	.2	.1	.1					4.3	13.0	12.0
(W) 260-280		.2	1.0	1.7	.5	.4		.1					4.0	12.5	12.0
290-310		.1	.9	2.7	1.1	.1							4.8	11.8	12.0
320-340		.3	.6	1.0	.2	.1							2.3	10.3	10.0
VARIABLE															
CALM		////////////////////////////////////											.8	////////	
TOTALS		14.9	46.6	28.6	6.8	1.9	.2	.2					100.0	8.6	8.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	3.	1.5	.5								8.8	6.9	6.0
020-040	5.3	6.7	2.0	.4								14.4	6.2	5.0
050-070	7.2	7.2	.3	.1								14.8	4.8	5.0
(E) 080-100	7.2	2.9	.2									10.3	3.8	3.0
110-130	5.7	3.4										9.1	4.0	4.0
140-160	3.7	2.5	.3									6.5	4.6	4.0
(S) 170-190	1.7	2.8	1.4									5.9	6.7	7.0
200-220	.8	1.7	1.1	1.0	.1							4.6	9.7	9.0
230-250	.3	1.2	1.6	.8	.3							4.2	11.5	11.0
(W) 260-280	1.0	1.3	1.4	.3	.2	.1						4.3	9.1	8.5
290-310	.4	1.6	1.9	.6								4.6	10.0	10.0
320-340	.5	1.2	.6	.1								2.5	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											9.9	////////////////////////////////	
TOTALS	36.9	36.2	12.3	3.8	.6	.1						100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	2.6	1.5	.2	.1							8.3	6.0	5.0
020-040	4.2	2.2	.8	.4								7.5	5.2	4.0
050-070	3.1	1.5	.5									5.2	4.5	3.0
(E) 080-100	1.8	.9	.2									2.9	4.0	3.0
110-130	1.4	.4										1.8	3.4	3.0
140-160	3.0	1.5	.5	.1								5.2	5.1	4.0
(S) 170-190	3.0	1.7	.4	.2								5.4	5.1	4.0
200-220	6.8	2.7	.5	.2								10.2	4.4	4.0
230-250	3.2	.9	.6	.1	.1							4.9	5.2	4.0
(W) 260-280	3.3	1.2	.8	.2	.3							5.8	6.1	4.0
290-310	1.8	1.3	1.8	.1	.1							5.2	7.8	7.0
320-340	2.8	2.3	.2									5.3	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											32.4	////////////////////////////////	
TOTALS	38.3	19.2	7.8	1.5	.6							100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.3	2.3	.5	.0							8.8	7.3	7.0
020-040	2.6	4.0	2.3	.6								9.6	7.4	7.0
050-070	3.2	6.3	1.3	.1								10.9	6.3	6.0
(E) 080-100	2.8	3.7	.4									6.9	5.1	5.0
110-130	2.1	2.3	.3									4.7	5.2	5.0
140-160	1.9	2.0	.9	.1								4.8	6.2	6.0
(S) 170-190	1.7	2.8	2.2	.4	.1	.0						7.2	8.0	8.0
200-220	3.4	2.8	1.9	.5	.2	.0						8.7	7.2	6.0
230-250	1.8	1.9	1.6	.4	.2	.1	.0					5.9	8.2	7.0
(W) 260-280	1.9	1.5	1.2	.3	.2	.1	.0					5.3	7.8	7.0
290-310	1.6	2.2	1.9	.3	.0	.0						6.0	7.9	8.0
320-340	2.3	2.4	.6	.0	.0							5.4	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											15.8	////////////////////////////////	
TOTALS	28.0	35.2	16.9	3.2	.7	.2						100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	4.8	6.2	4.6	1.7	.1						17.5	8.0	7.0
020-040	6.2	7.2	1.9	2.9							18.2	7.4	6.0
050-070	4.8	5.1	2.6	.7							13.2	6.6	6.0
(E) 080-100	3.3	2.0	.4								5.8	4.3	4.0
110-130	2.6	2.2	.3								5.1	5.0	4.0
140-160	2.0	2.9	.1								5.1	5.5	6.0
(S) 170-190	2.0	2.5	1.0	.1							5.6	6.3	6.0
200-220	1.3	2.0	1.6	.1							5.1	7.6	7.0
230-250	.1	.9	.4	.1	.1						1.7	9.3	8.0
(W) 260-280	.3	1.3	.4								2.0	6.9	6.0
290-310	1.0	1.4	.1								2.6	5.2	5.0
320-340	2.5	2.9	.4	.1							5.9	5.4	5.0
VARIABLE													
CALM	////////////////////////////////////										12.2	////////	
TOTALS	30.9	36.6	13.8	5.7	.2						100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 691

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	1.6	.3									6.8	3.6	3.0
020-040	1.4	.7	.2									2.3	4.1	4.0
050-070	1.3	1.0	.1									2.4	4.5	4.0
(E) 080-100	.7	.4										1.1	4.2	3.5
110-130	.3			.1								.4	6.5	3.0
140-160	1.6	.1	.1		.1							1.9	4.2	3.0
(S) 170-190	4.6	3.1	1.1	.1								8.9	5.4	4.0
200-220	6.8	3.3	.9									11.0	4.5	4.0
230-250	6.8	2.1	.4									9.3	4.2	4.0
(W) 260-280	3.1	2.4	.2		.1							5.9	4.7	4.0
290-310	5.6	2.3	.3									8.2	4.2	4.0
320-340	4.6	3.1	.2									7.9	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											33.8	////////	
TOTALS	41.7	20.1	3.8	.2	.2							100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	2.1										5.4	3.7	3.0
020-040	1.3	1.6	.1									3.0	4.5	5.0
050-070	1.2	.6	.7									2.4	5.4	5.0
(E) 080-100	.7	.1										.8	3.1	4.0
110-130	.4											.4	2.3	2.0
140-160	1.3	.2	.1									1.7	3.6	4.0
(S) 170-190	3.6	2.0	1.3									6.9	5.6	4.0
200-220	8.6	4.8	.7									14.0	4.3	4.0
230-250	7.2	2.9	.1									10.2	3.8	3.5
(W) 260-280	3.6	1.8	.6	.1								6.0	4.6	4.0
290-310	4.6	2.9	.8									8.2	4.6	4.0
320-340	4.6	2.8	.6									7.9	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											33.0	////////	
TOTALS	40.4	21.8	5.0	.1								100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	3.6	.4									9.7	4.3	4.0
020-040	2.6	2.1	.7									5.3	5.2	5.0
050-070	2.9	1.3	.7									4.9	4.7	3.5
(E) 080-100	1.3	.4										1.8	3.4	3.5
110-130	1.8	.1										1.9	2.4	2.0
140-160	1.2	.7	.2									2.1	4.4	4.0
(S) 170-190	2.7	3.4	1.2	.1								7.4	6.3	6.0
200-220	6.0	7.1	1.4	.1								14.7	5.7	5.0
230-250	3.2	4.3	1.2	.3								9.1	6.1	5.0
(W) 260-280	3.1	3.0	1.2	.2								7.6	5.9	5.5
290-310	3.8	3.3	1.6	.1								8.8	5.8	5.0
320-340	5.3	3.9	1.7									10.9	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											15.9	////////	
TOTALS	39.6	33.2	10.3	.8								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	3.3	.8									6.2	5.9	5.0
020-040	1.6	3.4	2.0									7.0	7.3	7.0
050-070	4.0	5.7	.8									10.4	5.4	5.0
(E) 080-100	3.8	3.6	.2									7.6	4.7	4.5
110-130	3.0	2.8										5.8	4.6	4.0
140-160	1.3	1.8	.4									3.6	6.0	6.0
(S) 170-190	1.9	5.0	3.1	.1								10.1	7.5	7.0
200-220	1.4	5.8	3.4	.4	.1							11.2	8.5	8.0
230-250	1.7	4.1	3.1	.3	.1							9.3	8.5	9.0
(W) 260-280	.6	3.4	4.9	.4								9.3	9.5	10.0
290-310	1.9	3.7	2.4	.2								8.2	7.5	7.5
320-340	2.3	4.3	2.3	.1								9.1	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											2.1	////////////////////////////////	
TOTALS	25.6	46.9	23.4	1.5	.2							100.0	6.9	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	3.0	1.3	.1								5.1	7.7	8.0
020-040	1.8	4.9	2.0									8.7	7.3	7.5
050-070	2.9	10.4	1.1									14.4	6.4	6.5
(E) 080-100	3.0	7.2	.4	.1								10.8	5.9	6.0
110-130	1.7	5.6	.1									7.3	5.9	6.0
140-160	1.8	4.4	2.7	.1								9.0	7.4	8.1
(S) 170-190	1.6	4.9	4.3	.9								11.7	9.0	9.0
200-220	.6	3.2	3.1	.4	.1							7.4	9.3	9.0
230-250	.7	2.3	3.2	.7	.2							7.1	10.3	10.0
(W) 260-280	.2	1.7	4.9	.8								7.6	11.0	10.0
290-310	.2	1.2	3.3	.4	.1							5.3	10.8	10.5
320-340	.6	2.0	2.1	.2								4.9	8.9	8.5
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	15.8	50.8	28.5	3.7	.4							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.1	1.0	.1								4.2	7.0	6.0
020-040	3.0	6.3	2.8									12.1	6.9	6.0
050-070	4.0	11.3	.7									16.0	5.8	6.0
(E) 080-100	4.7	6.6	.1									11.3	5.0	5.0
110-130	3.6	5.1	.2									8.9	5.2	5.0
140-160	1.6	3.7	1.7	.1								7.0	6.9	7.0
(S) 170-190	1.3	4.7	4.8	.2	.2							11.2	8.9	9.0
200-220	.7	2.1	2.6	.8	.2	.1						6.4	10.6	10.0
230-250	.2	1.8	1.8	.8	.1							4.7	10.7	11.0
(W) 260-280	.1	2.0	3.0	.8	.2							6.1	10.9	10.0
290-310	.2	2.6	3.3	.4	.2							6.8	10.2	10.0
320-340	.4	.6	2.4	.2								3.7	9.8	10.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////	
TOTALS	20.8	48.9	24.4	3.4	.9	.1						100.0	7.5	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	3.6	.7	.2								7.4	5.6	6.0
020-040	7.0	6.2	.7									13.9	4.7	4.0
050-070	5.7	3.7	.2	.1								9.7	4.4	4.0
(E) 080-100	7.7	1.4										9.1	3.0	3.0
110-130	5.2	1.9	.1									7.2	3.4	3.0
140-160	4.6	3.7	.7									8.9	4.6	4.0
(S) 170-190	3.2	3.9	1.9									9.0	6.2	5.0
200-220	2.1	2.1	1.3	.3								5.9	7.1	6.0
230-250	1.0	1.8	1.9	.2								4.9	8.3	8.5
(W) 260-280	.8	2.0	1.6	.2								4.6	8.5	8.0
290-310	1.0	3.3	1.2	.2								5.8	7.7	8.0
320-340	1.0	3.0	.4	.1								4.6	6.6	7.0
VARIABLE														
CALM	////////////////////////////////////											9.1	////////	
TOTALS	42.3	36.6	10.7	1.3								100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	1.6	.7									7.7	4.0	3.0
020-040	2.7	1.2		.1								4.0	4.1	4.0
050-070	3.3	.6										3.9	2.9	2.0
(E) 080-100	1.6	.3										1.9	2.6	2.0
110-130	1.6	.3										1.9	2.8	2.0
140-160	3.1	1.1	.2									4.4	4.1	4.0
(S) 170-190	2.7	3.6	.4	.1								6.8	5.5	6.0
200-220	7.3	3.2	.6									11.1	4.1	3.0
230-250	3.8	1.6	.2									5.6	3.8	3.0
(W) 260-280	3.4	1.9	.2									5.6	4.2	3.0
290-310	4.1	1.4	.3									5.9	4.0	3.0
320-340	3.2	2.1	.4									5.8	4.6	4.0
VARIABLE														
CALM	////////////////////											35.6	////////	
TOTALS	42.2	18.9	3.0	.2								100.0	2.6	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		3.3	2.6	.7	.1								6.6	5.0	5.0
020-040		2.7	3.3	1.1	.0								7.0	5.9	6.0
050-070		3.2	4.3	.5	.0								8.0	5.3	5.0
(E) 080-100		2.9	2.5	.1	.0								5.5	4.5	4.0
110-130		2.2	2.0	.1	.0								4.2	4.5	4.0
140-160		2.1	2.0	.8	.0	.0							4.8	5.7	5.0
(S) 170-190		2.7	3.8	2.3	.2	.0							9.0	7.0	7.0
200-220		4.2	4.0	1.8	.3	.1	.0						10.2	6.3	5.0
230-250		3.1	2.6	1.5	.3	.1							7.5	6.6	6.0
(W) 260-280		1.9	2.3	2.1	.3	.0							6.6	7.6	8.0
290-310		2.7	2.6	1.7	.2	.0							7.2	6.6	6.0
320-340		2.8	2.7	1.3	.1								6.8	6.0	5.0
VARIABLE															
CALM		////////////////////////////////////										16.5	////////////////////////////////		
TOTALS		33.8	34.7	14.0	1.5	.2							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	5.3	4.5	.4	.2							10.4	4.7	4.0
020-040	6.5	4.7	2.3	.2							13.7	5.7	5.0
050-070	7.2	5.9	1.2	.2							14.5	4.8	4.5
(E) 080-100	3.3	1.8									5.1	4.2	3.5
110-130	2.0	1.0									2.9	3.4	3.0
140-160	3.1	2.2	.2								5.5	4.2	3.0
(S) 170-190	2.9	2.7	.6								6.3	4.8	5.0
200-220	5.3	2.7	1.2								9.2	5.0	4.0
230-250	1.6	1.2	1.0	.2							3.9	6.4	6.0
(W) 260-280	1.4	1.8	.4								3.5	5.7	6.0
290-310	2.3	2.5	1.2								6.1	5.9	5.0
320-340	2.9	3.3	1.2								7.4	5.8	5.5
VARIABLE													
CALM	////////////////////////////////////										11.5	////////	
TOTALS	43.8	34.3	9.7	.8							100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 511

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF WIND SPEED BY DIRECTION
FROM 0000Z TO 0000Z

STATION NUMBER: 726395

STATION NAME: WHEATSMITH AFB
LST TO UTC: + 5

PERIOD OF RECORD: JAN 64 - DEC 90
MONTH: JAN HOURS: 0000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	.6	.3									5.2	3.6	3.0
020-040	1.2	.8										1.9	3.9	3.0
050-070	.5	.4										1.0	4.4	4.0
(E) 080-100	.4	.3										.8	4.4	4.0
110-130	.3	.2										.5	5.0	4.0
140-160	.6	.5										1.2	4.5	4.0
(S) 170-190	3.0	2.6	1.1									6.7	5.4	5.0
200-220	6.6	2.3	1.6									10.4	5.4	4.0
230-250	4.4	1.2	.2	.1								5.9	5.4	
(W) 260-280	3.8	1.0	.2	.1										
290-310	6.8	3.0	.1											
320-340	5.3	4.1	.2										4.4	4.0
VARIABLE														
CALM	////////////////////											2.0		
TOTALS	37.1	17.0	3.7	.2									5.4	4.0

TOTAL NUMBER OF OBSERVATIONS 41

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	1.1	.2									4.9	3.8	3.0
020-040	1.0	.8	.4									2.2	5.5	5.0
050-070	.4	.4										.9	4.0	3.5
(E) 080-100	.8	.1	.1									1.0	4.0	3.0
110-130	.3	.2										.5	4.8	4.0
140-160	.6	.2	.1									1.0	4.8	4.0
(S) 170-190	3.1	2.2	.1									5.4	4.4	4.0
200-220	5.1	3.3	1.4									9.8	5.2	4.0
230-250	5.1	2.0	.5	.1								7.7	4.4	3.5
(W) 260-280	4.2	1.1	.1	.1	.1							5.6	4.0	3.0
290-310	6.7	2.9	.1									9.7	3.5	3.0
320-340	5.7	4.2	.2									10.1	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											41.3	////////	
TOTALS	36.7	18.5	3.2	.2	.1							100.0	2.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	2.7	.2									7.1	4.4	4.0
020-040	1.5	1.5	.5	.1								3.7	5.8	5.0
050-070	.9	1.4										2.3	5.4	6.0
(E) 080-100	.6	.6										1.3	4.3	4.0
110-130	.4	.1										.5	3.2	3.0
140-160	1.3	.2	.1									1.6	4.1	4.0
(S) 170-190	3.5	2.7	.9									7.1	5.2	4.5
200-220	6.6	5.4	1.4									13.3	5.0	5.0
230-250	4.9	3.4	.4									8.8	4.6	4.0
(W) 260-280	3.8	2.5	.4	.1								6.8	4.9	4.0
290-310	5.9	5.2	.6									11.7	4.8	4.0
320-340	7.6	5.4	.1									13.1	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											22.7	////////	
TOTALS	41.2	31.1	4.6	.2								100.0	3.7	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	3.5	1.0									7.8	5.6	5.0
020-040	2.4	4.3	1.6	.3								8.6	6.9	7.0
050-070	4.1	4.7	.3									9.1	5.1	5.0
(E) 080-100	2.3	3.1	.1									5.5	5.1	5.0
110-130	1.6	1.5										3.1	4.4	4.0
140-160	2.0	1.9	.4									4.4	5.4	5.0
(S) 170-190	2.7	6.0	1.6	.1								10.4	6.4	6.0
200-220	3.0	5.7	2.9	.4								12.0	7.2	7.0
230-250	2.3	5.7	2.6	.3								10.9	7.2	7.0
(W) 260-280	2.3	3.7	1.5	.1								7.5	6.4	6.0
290-310	1.5	4.3	1.6	.2								7.6	7.1	7.0
320-340	2.8	4.4	1.5									8.7	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////	
TOTALS	30.3	48.8	15.1	1.4								100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.4	.4									3.8	6.7	7.0
020-040	.9	4.8	2.4	.2								8.3	7.8	7.0
050-070	2.0	10.8	1.2									14.0	6.6	7.0
(E) 080-100	3.9	9.9	.5									14.3	5.8	6.0
110-130	1.5	5.8	.5									7.8	6.4	6.0
140-160	1.7	4.1	1.1									6.9	6.8	6.5
(S) 170-190	1.5	5.5	4.5	.9								12.4	8.6	8.0
200-220	.9	5.5	2.6	.4								9.4	8.2	8.0
230-250	1.0	3.1	3.1	.5								7.7	8.9	8.5
(W) 260-280	.2	2.7	2.2	.1								5.2	8.9	9.0
290-310	1.1	1.5	1.7									4.3	7.6	7.5
320-340	.5	3.1	1.6									5.3	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	16.2	59.2	21.8	2.1								100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.0	1.1									4.1	7.1	7.0
020-040	1.5	5.2	2.5									9.1	7.7	8.0
050-070	3.8	9.8	1.3	.1								14.9	6.2	6.0
(E) 080-100	5.4	7.5	.2									13.1	5.0	5.0
110-130	3.2	6.7	.8									10.6	6.1	6.0
140-160	2.5	5.7	1.5	.3								10.0	7.0	7.0
(S) 170-190	1.8	5.3	5.9	.6								13.7	8.8	9.0
200-220	.8	4.2	2.9	.2	.2							8.3	8.9	8.0
230-250	.4	2.0	2.3									4.7	9.2	9.0
(W) 260-280	.2	1.9	1.6									3.8	8.6	8.0
290-310	.2	1.5	1.4									3.1	8.6	9.0
320-340	1.0	1.8	1.1	.1								4.0	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											.5	////////////////////////////////	
TOTALS	21.8	53.6	22.6	1.3	.2							100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	2.9	.4									6.6	5.3	5.0
020-040	5.5	4.2	.8									10.5	5.1	4.0
050-070	6.4	3.2										9.6	4.0	4.0
(E) 080-100	7.2	2.2										9.4	3.4	3.0
110-130	5.5	3.0										8.5	3.9	3.0
140-160	5.8	3.3	.3	.1								9.6	4.3	4.0
(S) 170-190	4.5	4.8	2.0									11.4	6.0	6.0
200-220	3.2	4.5	1.3	.1								9.2	6.1	6.0
230-250	1.3	2.0	1.2									4.5	6.9	6.5
(W) 260-280	.6	1.4	.4	.2								2.7	7.2	6.0
290-310	2.0	1.5	.5	.3								4.4	6.3	5.0
320-340	1.4	1.7	.9									4.0	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////											9.7	////////	
TOTALS	46.6	34.7	7.8	.7								100.0	4.6	4.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	1.8										6.4	3.5	3.0
020-040	1.8	.2	.1									2.2	3.8	3.0
050-070	2.5	.4										2.9	3.6	3.0
(E) 080-100	1.1	.2										1.3	3.6	3.5
110-130	1.2	.6										1.8	4.1	4.0
140-160	1.5	1.2	.2									2.9	4.6	4.0
(S) 170-190	3.5	2.7	1.0									7.1	5.1	5.0
200-220	7.4	3.3	.4									11.2	4.1	4.0
230-250	4.0	1.1	.5									5.6	4.2	3.5
(W) 260-280	3.1	1.0		.1								4.2	3.7	3.0
290-310	4.0	.9	.2									5.1	3.3	2.0
320-340	4.9	2.6	.1									7.6	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											41.7	////////	
TOTALS	39.5	16.0	2.5	.1								100.0	2.3	4.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCOLA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	2.1	.5									5.7	4.9	4.0
020-040	2.0	2.7	1.0	.1								5.8	6.4	6.0
050-070	2.6	3.9	.3	.0								6.8	5.5	5.0
(E) 080-100	2.7	3.0	.1									5.8	4.8	5.0
110-130	1.8	2.3	.2									4.2	5.3	5.0
140-160	2.0	2.2	.5	.1								4.7	5.6	5.0
(S) 170-190	3.0	4.0	2.1	.2								9.3	6.7	6.0
200-220	4.2	4.3	1.8	.1	.0							10.5	6.1	5.0
230-250	2.9	2.6	1.4	.1								7.0	6.1	5.0
(W) 260-280	2.3	1.9	.8	.1	.0							5.1	5.8	5.0
290-310	3.5	2.6	.8	.1								7.0	5.1	4.0
320-340	3.6	3.4	.7	.0								7.8	5.1	5.0
VARIABLE														
CALM	////////////////////											20.3	////////	
TOTALS	33.7	35.0	10.2	.8								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.4	3.1	1.9									9.3	5.8	5.0
020-040	4.4	1.9	.9									7.2	4.9	4.0
050-070	4.7	6.5	.9									12.1	5.5	5.0
(E) 080-100	3.7	1.2										5.0	3.6	3.0
110-130	1.9	.9										2.8	3.7	3.0
140-160	.3	.3										.6	4.5	4.5
(S) 170-190	2.2	.6										2.8	3.9	3.0
200-220	6.2	4.0	2.2									12.5	5.4	4.5
230-250	2.5	1.9	.9									5.3	5.6	5.0
(W) 260-280	1.9	.9	.3									3.1	4.5	4.0
290-310	5.3	5.9	.6									11.8	5.1	5.0
320-340	2.8	2.5	.3									5.6	4.7	4.5
VARIABLE														
CALM	////////////////////////////////////											21.8	//////////	
TOTALS	40.3	29.7	8.0									100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 321

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.5										2.4	3.0	2.0
020-040	.6	.8	.4									1.8	6.2	5.0
050-070	.6	.5	.5									1.7	6.5	6.5
(E) 080-100	.9	.6										1.5	4.4	4.0
110-130	.9	.3	.1									1.3	4.5	4.0
140-160	.8	1.7	.1	.1								2.7	6.6	6.0
(S) 170-190	5.2	2.3	.1									7.5	4.1	4.0
200-220	5.9	2.3	.6									8.8	4.2	4.0
230-250	6.1	1.7	.4	.2								8.5	4.1	3.0
(W) 260-280	5.1	1.7	.1	.1								7.0	3.6	3.0
290-310	4.9	2.8	.4	.1								8.3	4.4	4.0
320-340	5.3	2.2										7.4	3.7	4.0
VARIABLE														
CALM	////////////////////////////////////											41.1	////////	
TOTALS	38.1	17.4	2.7	.5								100.0	2.5	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.9										3.5	4.5	5.0
020-040	1.0	1.3	.1									2.4	5.4	5.5
050-070	.2	1.1	.1									1.4	7.1	8.0
(E) 080-100	.4	.4	.2	.1								1.2	6.8	5.0
110-130	.3	.3	.2									.9	6.4	7.0
140-160	.6	1.1	.1									1.8	5.7	6.0
(S) 170-190	3.7	2.5	.9									7.0	5.1	4.0
200-220	7.0	3.4	.2									10.6	4.1	4.0
230-250	5.6	1.1	.8									7.4	3.8	3.0
(W) 260-280	4.8	1.4	.1									6.3	3.5	4.0
290-310	6.8	1.7	.4									8.9	3.4	3.0
320-340	7.2	1.4										8.6	3.3	3.0
VARIABLE														
CALM	////////////////////////////////////											39.9	////////////////////////////////	
TOTALS	39.2	17.6	3.1	.1								100.0	2.5	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	2.0	.1									5.7	4.5	4.0
020-040	.3	1.1	.2									1.6	6.4	7.0
050-070	.5	1.2	.4	.1	.1							2.4	7.5	6.0
(E) 080-100	1.1	.3	.1	.1								1.6	4.6	3.0
110-130	.4	.2	.1									.8	5.6	4.0
140-160	1.5	1.4	.3									3.2	4.9	5.0
(S) 170-190	4.0	3.3	.5									7.8	4.9	4.0
200-220	8.0	5.5	.4									13.9	4.5	4.0
230-250	4.5	2.4	.4									7.3	4.4	4.0
(W) 260-280	4.5	2.6	.3									7.4	4.3	4.0
290-310	5.9	3.2	.6									9.8	4.2	3.0
320-340	5.6	3.4	.4	.1								9.6	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											28.9	////////	
TOTALS	39.8	26.6	3.8	.3	.1							100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726195

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL &	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	4.0	1.2									8.2	5.7	6.0
020-040	1.7	3.0	1.0	.1								5.8	6.7	7.0
050-070	2.4	2.6	1.0	.1	.1							6.1	6.5	7.0
(E) 080-100	2.6	2.0	.2									4.8	4.8	4.0
110-130	1.5	1.1	.2									2.8	4.8	4.0
140-160	2.5	2.2	.4									5.1	5.1	5.0
(S) 170-190	4.4	5.4	2.0									11.8	6.1	6.0
200-220	4.8	8.2	3.1	.1								16.2	6.5	6.0
230-250	2.5	6.1	1.8	.4								10.9	6.9	6.0
(W) 260-280	2.0	2.7	1.0	.3								6.0	6.8	6.0
290-310	2.4	3.7	2.0	.3								8.4	7.1	6.5
320-340	2.9	3.7	1.3	.1								8.0	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////	
TOTALS	32.7	44.7	15.2	1.4	.1							100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LSF 10 JTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 12-14

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.6	2.4	1.1	.1								5.2	6.4	6.0
020-040		.6	4.5	2.0	.2								7.4	8.2	8.0
050-070		1.8	7.1	.9	.1								9.9	6.6	7.0
(E) 080-100		3.0	7.7										10.8	5.4	5.0
110-130		2.4	4.3	.3									7.0	5.4	5.0
140-160		1.6	5.3	1.3	.1								8.3	6.9	6.0
(S) 170-190		2.5	5.7	3.7	.3								12.2	7.8	8.0
200-220		2.6	6.7	2.6	.3								12.2	7.4	7.0
230-250		1.3	4.4	2.7	.4								8.8	8.1	8.0
(W) 260-280		1.1	3.4	2.6		.1							7.2	8.3	8.0
290-310		.9	1.3	2.2	.3	.1							4.7	9.2	10.0
320-340		1.1	2.8	1.3									5.2	7.0	7.0
VARIABLE															
CALM		////////////////////////////////////										1.3	////////////////////////////////		
TOTALS		20.5	55.6	20.7	1.8	.2							100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	2.2	.9									3.3	7.5	7.0
020-040	1.4	5.6	1.6	.3								8.9	7.8	8.0
050-070	2.2	7.7	.6									10.5	6.3	6.0
(E) 080-100	3.7	6.5	.1									10.2	5.1	5.0
110-130	2.9	4.5	.6									8.1	5.7	5.0
140-160	3.1	5.6	1.3									10.0	6.3	6.0
(S) 170-190	2.7	7.8	3.2		.1							13.9	7.4	8.0
200-220	1.5	4.7	1.9	.5	.3							9.0	8.2	7.0
230-250	1.6	3.2	2.9	.1								7.8	8.0	8.0
(W) 260-280	.9	3.3	2.6	.2								7.0	8.4	8.0
290-310	1.0	1.9	2.5	.4								5.8	9.1	9.5
320-340	.8	1.7	1.0	.2								3.7	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	22.1	54.7	19.2	1.7	.4							100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	2.7	.2									6.8	4.4	4.0
020-040	2.7	4.7	.3									7.7	5.5	6.0
050-070	3.5	3.4	.2									7.2	4.9	5.0
(E) 080-100	5.5	1.8										7.3	3.4	3.0
110-130	4.5	2.0										6.6	4.0	4.0
140-160	6.0	4.2	.4									10.6	4.4	4.0
(S) 170-190	4.9	4.7	.4									10.1	4.8	5.0
200-220	3.5	3.0	.2	.2								7.0	5.2	4.0
230-250	2.8	2.2	1.5	.1								6.6	6.1	5.0
(W) 260-280	2.6	2.7	1.0	.1								6.3	6.0	5.0
290-310	1.9	2.7	1.3	.2								6.1	7.0	7.0
320-340	2.5	1.6	.6									4.7	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											12.9	////////	
TOTALS	44.3	35.7	6.1	.6								100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.1										3.1	3.6	3.0
020-040	1.6	1.0	.1									2.7	4.3	4.0
050-070	1.5	.4	.5									2.5	5.0	3.0
(E) 080-100	1.8	.2	.1									2.2	3.5	3.0
110-130	1.8	.9	.1									2.8	4.4	4.0
140-160	3.8	1.8	.1									5.7	4.2	3.0
(S) 170-190	5.1	1.3	.8									7.1	4.3	3.0
200-220	6.7	2.5	.1									9.2	3.8	4.0
230-250	4.9	2.6										7.5	4.0	4.0
(W) 260-280	4.7	1.5	.2									6.5	3.9	4.0
290-310	4.1	1.7										5.8	3.7	3.0
320-340	6.1	.9	.2									7.2	3.2	3.0
VARIABLE														
CALM	////////////////////////////////////											37.7	////////	
TOTALS	44.1	15.9	2.2									100.0	2.4	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	2.1	.4	.0								4.8	5.1	5.0
020-040	1.3	2.7	.7	.1								4.8	6.7	7.0
050-070	1.6	3.0	.5	.0	.0							5.2	6.2	6.0
(E) 080-100	2.4	2.5	.1	.0								4.9	4.8	5.0
110-130	1.8	1.7	.2									3.8	5.0	5.0
140-160	2.5	2.9	.5	.0								5.9	5.5	5.0
(S) 170-190	4.0	4.1	1.5	.0	.0							9.7	5.9	5.0
200-220	5.0	4.5	1.2	.1	.0							10.9	5.5	5.0
230-250	3.7	3.0	1.3	.2								8.1	5.8	5.0
(W) 260-280	3.2	2.4	1.0	.1	.0							6.7	5.6	5.0
290-310	3.5	2.4	1.2	.2	.0							7.2	5.7	5.0
320-340	3.9	2.2	.6	.1								6.8	4.8	4.0
VARIABLE														
CALM	////////////////////											21.2	////////	
TOTALS	35.1	33.5	9.2	.8								100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	3.3	.3									6.0	5.4	5.0
020-040	1.4	4.7	.5									6.5	6.6	7.0
050-070	1.2	5.3	1.5	.3	.3							8.6	8.0	7.0
(E) 080-100	2.9	4.1	.5	.3								7.7	5.8	5.0
110-130	1.8	1.2	.6									3.6	6.0	4.5
140-160	2.9	2.7	.6									6.2	5.1	5.0
(S) 170-190	6.0	4.1	1.8		.2							12.0	5.3	4.5
200-220	5.7	3.0	1.1									9.8	4.9	4.0
230-250	3.0	1.7										4.7	4.0	4.0
(W) 260-280	1.2	.9	.2									2.3	4.3	2.0
290-310	2.3	.6	.2									3.0	3.6	3.0
320-340	2.3	.8	.3									3.3	4.1	3.0
VARIABLE														
CALM	////////////////////////////////////											26.4	////////////////////////////////	
TOTALS	33.1	32.4	7.6	.6	.5							100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 664

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	2.9	.1									4.8	5.0	5.0
020-040	.3	.3	.4	.2								1.3	8.8	8.5
050-070	.6	.6	.3									1.4	6.5	7.0
(E) 080-100	1.6	.9										2.4	4.0	3.5
110-130	1.4	.6										2.0	3.6	3.5
140-160	2.8	1.2										4.0	4.1	4.0
(S) 170-190	4.2	4.7	.9									9.8	5.5	5.0
200-220	6.8	5.1	1.4	.1								13.4	5.1	4.0
230-250	5.0	2.9	.1									8.0	4.3	4.0
(W) 260-280	3.6	1.6	.6									5.7	4.5	3.0
290-310	5.4	4.4	.7	.1	.1							10.8	5.2	4.0
320-340	4.3	2.2	.8									7.3	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											29.0	////////	
TOTALS	37.8	27.4	5.3	.4	.1							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	2.7	.2									5.4	5.2	5.0
020-040	.6	.6	.6									1.7	7.0	8.0
050-070	.9	.4	.3	.2								1.9	6.8	6.0
(E) 080-100	.3	.4	.4									1.2	7.4	8.0
110-130	.6	.8	.1									1.4	4.9	5.0
140-160	1.9	1.8	.1									3.8	4.9	4.5
(S) 170-190	5.6	3.6	.6	.1	.1							9.9	4.9	4.0
200-220	8.7	5.1	1.1									14.9	4.8	4.0
230-250	4.6	2.1	.1									6.8	3.7	4.0
(W) 260-280	4.8	2.4	.4									7.7	4.3	4.0
290-310	6.4	2.8	.8	.1								10.1	4.5	4.0
320-340	4.6	2.8	.2									7.6	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											27.7	////////////////////////////////	
TOTALS	41.6	25.5	4.9	.4	.1							100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	2.2	.1									4.8	5.1	6.0
020-040	1.0	.3	.9	.1								2.3	7.5	6.0
050-070	.7	.4	.6	.1								1.8	7.4	6.5
(E) 080-100	.3	.6										.9	5.0	5.0
110-130	1.1	.7	.2									2.0	5.1	4.0
140-160	1.8	1.3	.6									3.7	5.5	5.0
(S) 170-190	4.8	4.6	1.1									10.4	5.2	5.0
200-220	7.6	6.6	2.0									16.1	5.2	5.0
230-250	4.0	3.6	.4									8.0	4.8	4.5
(W) 260-280	4.4	2.1	.3									6.9	4.0	4.0
290-310	5.9	2.9	1.7									10.4	5.0	4.0
320-340	4.6	4.3	.9									9.8	4.9	5.0
VARIABLE														
CALM	////////////////////////////////////											22.9	////////	
TOTALS	38.0	30.3	8.8	.2								100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	4.9	.8									9.4	5.6	6.0
020-040	1.3	2.0	.9	.1								4.3	6.6	6.0
050-070	1.3	.9	.6	.2								3.0	6.6	5.0
(E) 080-100	1.2	1.2	.1									2.6	5.1	5.0
110-130	.9	1.4	.4									2.8	5.8	6.0
140-160	1.8	2.6	1.2									5.6	6.4	6.5
(S) 170-190	2.3	7.0	2.1	.3								11.8	7.2	7.0
200-220	3.6	8.9	4.3	.4								17.2	7.3	7.0
230-250	2.3	5.1	1.8	.2								9.4	6.9	6.0
(W) 260-280	1.8	3.7	1.9									7.3	7.1	7.0
290-310	1.4	4.6	2.7	.3								9.0	8.2	8.0
320-340	3.1	5.4	1.4									10.0	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											7.6	////////////////////////////////	
TOTALS	24.8	47.7	18.2	1.5								100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	4.3	.2									6.3	5.6	6.0
020-040	1.1	4.2	1.6	.1								7.0	5	7.0
050-070	1.1	4.4	1.0									6.6	6.7	7.0
(E) 080-100	2.0	3.6	.2									5.8	5.3	5.0
110-130	1.9	3.3	.7									5.9	6.0	5.0
140-160	1.8	5.1	1.4									8.3	7.1	7.0
(S) 170-190	1.4	9.0	4.2	.6								15.2	8.1	8.0
200-220	1.4	6.2	4.0	.4	.1							12.2	8.5	8.0
230-250	1.7	4.6	2.9	.6	.3							10.0	8.9	8.0
(W) 260-280	1.3	4.0	1.6									6.9	7.3	8.0
290-310	1.1	3.0	3.0	.1								7.2	8.1	8.0
320-340	1.4	2.9	1.6	.1								6.0	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	18.0	54.6	22.4	1.9	.4							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	3.0	.4									6.0	5.6	5.5
020-040	2.3	3.0	1.4	.1								6.9	6.3	6.0
050-070	2.0	4.1	1.2									7.3	6.1	6.0
(E) 080-100	2.4	4.3	.1									6.9	5.1	5.0
110-130	3.8	4.9	.8									9.4	5.5	5.0
140-160	2.8	5.2	1.9									9.9	6.7	7.0
(S) 170-190	3.4	8.3	3.7	.1								15.6	7.0	7.0
200-220	1.4	5.8	3.8	.3								11.3	8.0	8.0
230-250	.7	3.1	2.0	.8								6.6	9.2	9.0
(W) 260-280	1.0	4.3	2.1	.4								7.9	8.1	8.0
290-310	.7	2.7	1.9	.1	.1							5.4	8.5	8.0
320-340	1.2	2.0	1.0	.2								4.4	7.6	8.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	24.3	50.7	20.3	2.0	.1							100.0	6.8	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI.
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	2.4	.3									7.9	4.0	4.0
020-040	2.3	2.0	.4	.1								4.9	5.6	5.0
050-070	1.7	1.3	.7									3.7	5.6	5.0
(E) 080-100	2.2	1.0	.1									3.3	4.0	4.0
110-130	3.4	1.9	.2									5.6	4.3	4.0
140-160	6.4	3.4	.8	.1								10.8	4.5	4.0
(S) 170-190	6.3	4.8	.4	.2								11.8	4.8	4.0
200-220	4.7	4.4	.3									9.4	4.7	5.0
230-250	4.2	2.3	.7	.1								7.3	5.1	4.0
(W) 260-280	4.1	2.1	1.2									7.4	5.4	4.0
290-310	2.3	3.0	.4		.1							5.9	5.9	6.0
320-340	3.0	2.1	.2	.1	.1							5.6	5.2	4.0
VARIABLE														
CALM	////////////////////////////////////											16.4	////////////////////////////////	
TOTALS	45.7	30.7	5.7	.6	.2							100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	2.6	.2									6.2	4.4	4.0
020-040	.4	.8	.6	.2								2.0	7.4	6.5
050-070	1.7	1.3	.8	.1								3.9	6.4	6.0
(E) 080-100	.9	.3	.2									1.4	5.5	4.0
110-130	1.9	.3										2.2	3.0	3.0
140-160	2.7	2.6	1.2									6.4	6.2	6.0
(S) 170-190	3.1	3.8	1.2	.1								8.2	5.9	6.0
200-220	7.1	3.7	.6	.2								11.6	4.5	4.0
230-250	7.2	2.0	.2									9.4	3.7	3.0
(W) 260-280	4.3	1.8	1.2									7.3	4.9	4.0
290-310	5.3	2.9	.4	.1		.2						9.0	5.0	4.0
320-340	3.7	1.6	.3									5.6	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											26.7	////////	
TOTALS	41.7	23.7	6.9	.7		.2						100.0	3.6	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	3.2	.3									6.4	5.1	5.0
020-040	1.2	1.7	.8	.1								3.8	6.8	6.0
050-070	1.2	1.7	.7	.1								3.7	6.4	6.0
(E) 080-100	1.4	1.5	.2									3.1	5.0	5.0
110-130	1.9	1.7	.3									3.9	5.1	5.0
140-160	2.7	2.9	.9	.0								6.6	5.8	5.0
(S) 170-190	3.9	5.7	1.8	.2	.0							11.6	6.3	6.0
200-220	5.2	5.7	2.2	.2	.0							13.3	6.0	6.0
230-250	3.7	3.2	1.0	.2	.0							8.2	5.9	5.0
(W) 260-280	3.2	2.8	1.2	.1								7.1	5.7	5.0
290-310	3.6	3.3	1.4	.1	.0	.0						8.5	6.1	5.0
320-340	3.2	2.9	.8	.1	.0							7.0	5.3	5.0
VARIABLE														
CALM	////////////////////											16.9	////	////
TOTALS	34.0	36.3	11.6	1.1								100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	9.8	.9									15.6	5.8	6.0
020-040	2.8	4.0	2.3	.7								9.8	7.4	7.0
050-070	3.4	3.3	1.4	.1								8.2	5.9	5.0
(E) 080-100	2.6	.9										3.5	3.6	4.0
110-130	2.0	.9	.4									3.3	4.8	4.0
140-160	3.1	2.9	1.6	.1								7.7	6.3	6.0
(S) 170-190	3.9	7.6	2.0	.2								13.7	6.5	6.0
200-220	5.0	3.6	.8									9.5	4.9	4.0
230-250	1.9	1.5	.3	.1								3.8	5.0	5.0
(W) 260-280	1.8	.4										2.2	3.4	3.0
290-310	1.3	1.8	.2		.1							3.4	5.7	5.0
320-340	2.5	1.8	.7									4.9	5.3	4.5
VARIABLE														
CALM	////////////////////											14.4	////////	
TOTALS	35.1	38.5	10.6	1.2	.1							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 971

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.5	.3									4.3	4.9	4.0
020-040	.2	.5	.4									1.2	7.8	8.0
050-070	.4	.3	.1									.9	5.0	5.0
(E) 080-100	1.0	2.3	.5									3.8	6.1	6.0
110-130	1.2	.9	.1									2.2	4.4	4.0
140-160	1.9	2.7	.2									4.8	5.3	5.0
(S) 170-190	4.0	3.8	1.1	.2								9.0	5.7	5.0
200-220	6.5	5.6	2.9	.1	.1							15.2	6.0	5.0
230-250	5.1	3.1	1.1									9.2	4.9	4.0
(W) 260-280	6.6	2.2	.9	.1								9.7	4.5	4.0
290-310	4.5	3.5	1.3	.2								9.6	5.6	5.0
320-340	3.3	2.5	.5									6.3	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											23.9	////////	
TOTALS	37.2	28.9	9.4	.6	.1							100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.5	.3									3.5	5.3	5.0
020-040	.3	.9	.6									1.8	7.6	7.0
050-070	.3	1.0	.1									1.4	5.7	6.0
(E) 080-100	1.2	1.2	.5									2.9	5.6	5.0
110-130	.8	1.0	.3	.1								2.2	6.3	5.0
140-160	1.3	2.8	.3									4.4	5.9	6.0
(S) 170-190	2.4	2.9	1.2									6.5	6.0	6.0
200-220	8.6	6.3	2.5	.2								17.6	5.5	5.0
230-250	5.4	4.5	.9	.1								10.9	4.9	5.0
(W) 260-280	6.1	2.6	.5									9.2	4.1	4.0
290-310	4.5	2.6	1.3	.1								8.5	5.5	4.0
320-340	4.7	2.8	.4									8.0	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											23.1	////////	
TOTALS	37.3	30.1	8.9	.5								100.0	4.1	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.4	.3									4.0	4.9	4.0
020-040	.3	1.1	1.1									2.5	8.3	9.0
050-070	.8	1.1	.3									2.2	6.3	5.5
(E) 080-100	1.2	1.1	.4									2.7	5.7	5.0
110-130	.5	1.6	.1									2.3	6.0	6.0
140-160	1.8	2.2	.6									4.6	5.7	5.0
(S) 170-190	2.6	2.8	1.6	.2								7.2	6.5	6.0
200-220	10.1	8.4	1.6	.1								20.2	5.2	4.5
230-250	4.9	4.2	.5	.2								9.9	5.2	4.5
(W) 260-280	5.6	2.8	.1									8.5	4.1	3.0
290-310	4.9	3.3	.9	.2								9.4	5.2	4.0
320-340	4.1	2.2	.3									6.6	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											20.1	////////	
TOTALS	39.1	32.2	7.8	.7								100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	2.9	.2									4.7	5.4	5.0
020-040	.4	1.4	1.3	.1								3.2	8.7	9.0
050-070	1.2	2.0	.9									4.1	6.5	6.0
(E) 080-100	.8	2.4	.5									3.7	6.3	6.5
110-130	1.3	1.8	.4									3.5	6.0	5.0
140-160	.8	2.3	.6	.1								3.8	7.2	7.0
(S) 170-190	2.2	4.4	2.8	.3								9.7	7.8	8.0
200-220	4.7	9.4	5.6	.5	.5							20.8	7.8	7.0
230-250	1.5	4.6	2.8	.3	.2							9.5	8.1	8.0
(W) 260-280	1.9	4.1	3.3	.2								9.6	7.8	8.0
290-310	3.7	4.9	3.3	.3		.1						12.4	7.5	7.0
320-340	2.0	4.8	2.3	.2								9.4	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											5.8	////////	
TOTALS	22.1	45.0	24.0	2.0	.7	.1						100.0	7.0	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 81
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.0	.4									4.4	6.7	7.0
020-040	.4	2.8	1.0	.3								4.5	8.0	7.0
050-070	1.4	4.8	1.0									7.2	6.9	6.0
(E) 080-100	1.8	4.6	.1									6.6	5.7	6.0
110-130	1.5	3.0	.4									4.9	6.0	6.0
140-160	1.1	2.4	1.0									4.4	7.0	6.0
(S) 170-190	1.7	5.6	6.3	1.3	.2							15.2	9.5	10.0
200-220	2.0	5.3	3.8	1.2	.3							12.6	8.9	8.0
230-250	1.2	3.8	3.7	1.5	.5							10.6	10.1	10.0
(W) 260-280	1.1	3.9	4.2	.6	.1	.1						10.0	9.1	10.0
290-310	1.3	4.7	3.1	.3	.2							9.7	8.6	8.0
320-340	.8	4.5	1.8	.2								7.3	8.1	7.5
VARIABLE														
CALM	////////////////////////////////////											2.6	////////	
TOTALS	15.3	48.4	26.8	5.4	1.3	.1						100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	2.6	.8									4.5	6.5	6.5
020-040	1.2	4.1	.8	.3								6.3	6.7	6.0
050-070	2.6	4.2	.4									7.2	5.6	6.0
(E) 080-100	3.1	4.1										7.2	5.0	5.0
110-130	2.5	4.3	.5									7.3	5.7	5.0
140-160	3.5	4.6	1.0									9.1	5.7	6.0
(S) 170-190	2.9	7.3	4.2	1.1	.1							15.6	8.2	8.0
200-220	1.1	3.2	2.7	.9								7.8	8.8	9.0
230-250	1.0	2.4	2.6	.6	.4							7.0	10.0	10.0
(W) 260-280	1.5	4.9	3.7	1.0								11.1	9.0	8.0
290-310	1.5	4.2	3.0	1.1	.4							10.2	9.3	8.0
320-340	.3	2.9	1.9	.1								5.3	8.6	8.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	22.4	48.8	21.6	5.1	.9							100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	2.0	.1									5.8	4.1	4.0
020-040	2.6	.9	.5									4.0	4.4	3.0
050-070	2.4	1.4	.2									4.0	4.7	4.0
(E) 080-100	1.8	1.2	.2									3.2	4.5	4.0
110-130	2.9	1.5	.2									4.6	4.2	4.0
140-160	3.3	2.0	1.3									6.7	5.4	4.5
(S) 170-190	5.4	5.7	2.4		.1							13.5	6.3	6.0
200-220	4.3	2.8	1.6	.2								8.9	5.8	5.0
230-250	3.7	1.8	1.8	.3								7.6	6.2	5.0
(W) 260-280	3.5	4.1	1.9	.3								9.9	6.7	6.0
290-310	2.6	4.2	2.5	.4								9.7	7.3	7.0
320-340	2.8	1.8	.6	.1								5.4	5.5	4.0
VARIABLE														
CALM	////////////////////////////////////											16.7	////////	
TOTALS	39.0	29.4	13.3	1.3	.1							100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	.5	.4									4.5	3.9	3.0
020-040	.4	1.0	.3	.1								1.8	7.1	5.0
050-070	.5	.5	.4									1.5	6.3	6.0
(E) 080-100	1.7	1.6	.1									3.4	5.0	4.5
110-130	1.1	1.2	.1									2.4	4.7	5.0
140-160	1.4	2.9	.5									4.8	6.0	6.0
(S) 170-190	3.1	3.9	3.0	.1								10.1	7.1	7.0
200-220	7.2	5.4	1.8	.5	.1							15.1	5.8	5.0
230-250	3.3	2.5	1.4	.1	.2							7.5	6.4	5.0
(W) 260-280	5.2	3.2	1.4									9.8	5.2	4.0
290-310	4.8	3.2	1.2	.3								9.6	5.7	4.0
320-340	3.3	2.8	.5	.2								6.9	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											22.6	////////	
TOTALS	35.5	28.7	11.1	1.3	.3							100.0	4.5	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.9	.4									4.5	5.2	5.0
020-040	.7	1.6	.8	.1								3.2	7.1	7.0
050-070	1.2	1.9	.4									3.5	6.0	6.0
(E) 080-100	1.6	2.3	.3									4.2	5.5	5.0
110-130	1.5	1.9	.3	.0								3.7	5.4	5.0
140-160	1.9	2.7	.7	.0								5.3	5.9	6.0
(S) 170-190	3.0	4.5	2.8	.4	.1							10.8	7.4	7.0
200-220	5.6	5.8	2.8	.5	.1							14.8	6.6	6.0
230-250	3.3	3.4	1.8	.4	.2							9.0	6.9	6.0
(W) 260-280	3.9	3.5	2.0	.3	.0	.0						9.7	6.4	6.0
290-310	3.5	3.8	2.1	.4	.1	.0						9.9	6.9	6.0
320-340	2.7	3.0	1.1	.1								6.9	6.0	5.0
VARIABLE														
CALM	////////////////////											14.5	////////	
TOTALS	31.1	36.3	15.5	2.2	.5							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	4.4	3.8	.6								8.8	5.1	4.5
020-040	1.1	4.5	2.4	.2							8.2	7.9	7.0
050-070	2.5	2.9	.4								5.7	5.3	5.0
(E) 080-100	3.3	2.7	.1								6.2	4.6	4.0
110-130	1.8	3.1	.2								5.1	5.3	5.0
140-160	2.3	5.0	.4								7.6	5.9	6.0
(S) 170-190	3.0	5.4	1.9								10.3	6.4	6.0
200-220	5.7	5.4	1.2	.1							12.4	5.2	5.0
230-250	1.8	2.2	.8								4.8	6.0	5.5
(W) 260-280	2.0	1.7	1.1	.1							4.9	6.2	5.0
290-310	1.6	1.8	.7								4.1	5.9	6.0
320-340	1.8	3.9	.8								6.6	6.3	6.0
VARIABLE													
CALM	////////////////////////////////////										15.2	////////	
TOTALS	31.3	42.4	10.6	.4							100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 837

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.9	1.9	.1								5.0	7.7	8.0
020-040		.8	.7	.1								1.6	9.1	9.5
050-070	.6	.2	.1	.3								1.2	8.5	6.0
(E) 080-100	.4	2.3	.4	.1								3.3	6.8	6.0
110-130	.8	1.0	.3									2.1	5.8	6.0
140-160	2.2	2.7	1.0		.2							6.1	6.7	6.0
(S) 170-190	1.3	5.4	2.3	.1	.2							9.4	7.7	7.0
200-220	5.4	8.4	3.3	.7	.1	.1	.1					18.2	7.2	6.0
230-250	4.1	4.1	2.6	.1	.2							11.1	6.9	6.0
(W) 260-280	3.6	2.2	1.6	.2								7.6	6.1	5.0
290-310	1.9	5.6	1.7	.1								9.2	6.9	6.0
320-340	3.0	4.1	1.8	.2								9.1	6.6	6.0
VARIABLE														
CALM	////////////////////											16.0	////////	
TOTALS	24.4	38.7	17.7	2.0	.7	.1	.1					100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	2.3	1.6	.1								6.3	6.8	6.0
020-040		.2	.7	.1								1.0	11.2	10.0
050-070	.1	.4	.2		.2							1.0	11.0	9.0
(E) 080-100	1.2	1.0	1.1	.3								3.7	7.8	7.0
110-130	.7	1.3	.3									2.3	6.6	7.0
140-160	.9	1.6	1.1	.2								3.8	7.6	7.0
(S) 170-190	3.8	5.7	2.1		.1							11.7	6.4	6.0
200-220	7.2	6.3	2.1	.8	.1	.1						16.7	6.4	6.0
230-250	3.8	4.1	1.8	.7	.3							10.7	7.3	6.0
(W) 260-280	3.0	3.7	1.1	.3								8.1	6.2	6.0
290-310	3.9	4.4	1.4	.1								9.9	5.9	5.0
320-340	2.8	2.8	1.7	.2								7.4	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											17.4	////////	
TOTALS	29.7	33.8	15.2	2.8	.7	.1						100.0	5.6	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	2.1	1.4									5.1	6.7	7.0
020-040	.6	.3	1.4	.2								2.6	9.6	11.0
050-070	.1	.8										.9	6.1	6.0
(E) 080-100	.3	1.4	.7	.1								2.6	7.8	6.0
110-130	1.2	2.0	.9									4.1	6.6	6.0
140-160	1.4	1.3	1.2	.3								4.3	7.6	8.0
(S) 170-190	3.3	4.1	2.3	.4								10.2	6.9	6.0
200-220	7.1	7.1	2.2	.7								17.1	6.2	5.0
230-250	2.7	5.6	2.3	.8	.3							11.7	7.8	7.0
(W) 260-280	3.6	3.6	1.3	.1								8.6	5.8	5.0
290-310	2.8	4.6	2.2									9.6	6.7	7.0
320-340	4.6	3.9	1.0	.3								9.8	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											13.6	////////	
TOTALS	29.3	36.8	16.9	2.9	.3							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.8	2.4	.1								6.3	8.3	9.0
020-040	.1	.4	.7	.3								1.6	11.0	11.0
050-070	.1	1.1	.7	.1								2.0	8.4	7.5
(E) 080-100	.2	2.3	.4	.1								3.1	7.5	6.5
110-130	.7	2.7	.9									4.2	6.9	7.0
140-160	.9	2.2	2.1	.6								5.8	9.0	9.0
(S) 170-190	2.4	5.0	3.3	.6	.1							11.4	7.9	7.0
200-220	4.1	7.6	3.6	1.2	.3							16.8	7.8	7.0
230-250	1.9	5.6	3.8	1.2	.4							12.9	9.1	8.0
(W) 260-280	2.2	3.2	3.4	.1								9.0	8.1	8.0
290-310	1.8	3.9	3.0	.4								9.1	8.1	8.0
320-340	2.9	5.3	2.7	.4								11.3	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											6.4	////////////////////////////////	
TOTALS	18.3	42.1	27.0	5.1	.8							100.0	7.6	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	3.0	3.2	.3								7.9	8.7	9.0
020-040	.8	1.7	.8	.2								3.4	7.9	8.0
050-070	.7	2.4	.6									3.7	6.9	6.0
(E) 080-100	1.6	2.7	.2									4.4	5.6	5.5
110-130	.6	2.3	1.6									4.4	7.8	7.5
140-160	.7	2.9	1.8									5.3	7.9	8.0
(S) 170-190	1.9	4.6	3.9	.9	.1							11.3	9.0	9.0
200-220	1.4	5.1	4.9	2.1	.4	.2						14.2	10.3	10.0
230-250	1.7	5.2	4.0	1.3	1.0	.1						13.3	10.0	9.0
(W) 260-280	1.1	4.0	4.4	2.0	.1							11.7	10.2	10.0
290-310	1.6	3.8	2.8	.4	.2							8.8	8.6	8.0
320-340	1.8	4.4	2.9	.4	.1							9.7	8.1	8.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	15.2	42.1	31.1	7.6	1.9	.3						100.0	8.8	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	3.1	2.7	.1								7.4	7.8	8.0
020-040	1.0	1.7	1.0	.2								3.9	7.7	7.0
050-070	.9	2.8	.2	.2								4.1	6.5	6.0
(E) 080-100	2.4	1.8	.6									4.8	5.3	4.0
110-130	1.9	2.0	.8	.2								4.9	5.8	5.0
140-160	2.7	4.9	1.7									9.2	6.4	6.0
(S) 170-190	2.3	6.8	2.1	.8	.1							12.1	7.6	7.0
200-220	2.3	5.2	4.0	1.2	.2	2						13.2	9.1	8.0
230-250	1.8	3.1	3.9	.8	.1							9.7	9.0	9.0
(W) 260-280	2.1	3.2	4.6	1.2	.2							11.3	9.3	10.0
290-310	1.2	3.7	2.2	.6								7.7	8.7	8.0
320-340	2.0	3.8	2.4	.2								8.4	7.7	7.5
VARIABLE														
MEAN	////////////////////////////////////											3.2	////////////////////////////////	
TOTAL	22.2	42.1	26.2	5.5	.6	.2						100.0	7.6	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	3.1	1.9									7.9	6.4	6.0
020-040	.4	.7	1.0	.1								2.2	8.4	9.5
050-070	.2	1.6	.2									2.0	7.6	8.0
(E) 080-100	1.2	1.0	.3									2.6	5.2	5.0
110-130	1.2	1.9	1.2									4.3	6.7	6.0
140-160	3.4	3.9	1.7									9.0	6.0	5.0
(S) 170-190	3.2	3.4	1.9	.3								8.9	6.9	6.0
200-220	4.6	6.9	3.6	1.1	.1	.2						16.4	7.7	7.0
230-250	2.7	3.9	2.9	.4	.1							10.0	8.0	8.0
(W) 260-280	2.2	2.3	1.3	.3	.1							6.3	7.3	8.0
290-310	2.2	3.8	1.3	.6	.2	.1						8.2	7.7	7.0
320-340	2.9	3.2	2.2	.2	.1							8.7	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											13.4	////////	
TOTALS	27.1	35.7	19.5	3.0	.6	.3						100.0	6.2	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.7	2.3	1.9	.2								6.1	7.2	7.0
020-040		.3	.7	.4									1.4	7.7	7.0
050-070		.7	.9	.9	.1								2.6	7.6	6.0
(E) 080-100		.9	1.2	.4									2.6	6.1	6.0
110-130		.8	.9	.6									2.2	6.4	7.0
140-160		1.6	3.8	1.1									6.4	6.4	6.5
(S) 170-190		2.6	5.1	2.0	.4	.2							10.3	7.3	7.0
200-220		4.4	6.8	4.1	.8	.3							16.4	7.5	7.0
230-250		3.2	4.0	2.9	.3								10.4	6.9	7.0
(W) 260-280		3.1	2.9	1.0	.6								7.6	6.8	6.0
290-310		1.8	4.4	1.4	.4	.2							8.3	7.5	6.0
320-340		2.9	4.3	1.3	.2								8.8	6.5	6.0
VARIABLE															
CALM		////////////////////////////////////										16.8	////////////////////////////////		
TOTALS		24.0	37.3	18.0	3.0	.7							100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 900															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.6	2.1	.1								6.5	7.5	8.0
020-040	.4	.8	.8	.2								2.2	8.7	9.0
050-070	.4	1.3	.4	.1	.0							2.2	7.5	7.0
(E) 080-100	1.0	1.7	.5	.1								3.4	6.4	6.0
110-130	1.0	1.8	.8	.0								3.6	6.6	6.0
140-160	1.7	2.9	1.5	.1	.0							6.2	7.0	7.0
(S) 170-190	2.6	5.0	2.5	.4	.1							10.7	7.5	7.0
200-220	4.6	6.7	3.5	1.1	.2	.1	.0					16.1	7.7	7.0
230-250	2.7	4.4	3.0	.7	.3	.0						11.2	8.2	8.0
(W) 260-280	2.6	3.1	2.3	.6	.1							8.8	7.7	7.0
290-310	2.1	4.3	2.0	.3	.1	.0						8.8	7.4	7.0
320-340	2.8	4.0	2.0	.3	.0							9.2	7.0	7.0
VARIABLE														
CALM	////////////////////											11.1	////////	
TOTALS	23.6	38.6	21.4	4.0	.8	.1						100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	4.0	7.9	.3								14.3	9.3	10.0
020-040	.4	1.7	2.4	.9								5.4	10.2	10.0
050-070	1.1	3.7	.7	.3	.2							5.9	7.3	6.0
(E) 080-100	2.0	3.8	1.3	.1								7.1	6.7	6.0
110-130	2.0	3.4	1.9	.2								7.4	6.8	6.0
140-160	2.6	3.1	1.7	.2	.2							7.8	7.0	6.0
(S) 170-190	3.5	3.8	3.8	.6	.3							12.1	7.9	8.0
200-220	3.7	4.7	1.6	.5	.3							10.8	7.1	6.0
230-250	1.5	2.6	1.1	.1								5.2	6.6	6.0
(W) 260-280	.7	1.5	.9	.5	.1							3.6	8.7	8.0
290-310	1.4	2.1	1.5	.1								5.0	7.4	7.0
320-340	2.1	4.2	2.3	.3								9.0	7.6	8.0
VARIABLE														
CALM	////////////////////////////////////											6.5	////////////////////////////////	
TOTALS	23.1	38.6	27.1	4.1	1.1							100.0	7.2	8.0

TOTAL NUMBER OF OBSERVATIONS 1170

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	1.3	1.2									3.7	7.4	7.5
020-040	.5	.2	.4									1.2	6.5	5.0
050-070	.1	.2	.4									1.0	8.9	10.0
(E) 080-100	.3	.8		.1								1.2	6.4	6.0
110-130	.9	1.0	1.2	.1								3.1	8.0	8.0
140-160	.9	1.3	.8									2.9	6.9	6.0
(S) 170-190	2.5	3.0	2.0									7.5	6.7	6.0
200-220	4.8	9.1	5.7	1.6	.3							21.8	8.1	8.0
230-250	4.9	7.6	2.9	.8	.3							16.6	7.3	7.0
(W) 260-280	3.5	3.3	2.5	.4	.1							9.9	7.1	7.0
290-310	2.7	3.2	2.2	.3	.1							8.5	7.3	7.0
320-340	2.9	4.2	1.4	.1								8.6	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											14.1	////////	
TOTALS	25.2	35.2	20.9	3.6	.8							100.0	6.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	1.7	1.6	.2								4.7	8.0	9.0
020-040	.2	.2	.6									1.1	9.1	10.0
050-070	.2	1.1	.4									1.7	7.9	8.0
(E) 080-100	.1	.4	.8	.1								1.4	9.9	10.0
110-130	.5	1.0	.5	.1								2.2	7.5	7.0
140-160	.6	2.0	1.0	.1								3.8	7.6	8.0
(S) 170-190	2.0	3.2	1.4	.4								7.1	6.8	6.0
200-220	8.0	9.8	4.9	1.2	.1							24.0	7.0	6.0
230-250	4.2	6.0	2.9	1.0								14.1	7.2	6.0
(W) 260-280	3.1	4.4	1.9	.3	.3							10.1	7.3	7.0
290-310	2.3	3.1	1.5	.5	.1							7.5	7.3	6.0
320-340	2.6	4.4	1.5	.2								8.7	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											13.7	////////	
TOTALS	25.0	37.3	19.0	4.1	.5							100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.9	1.4	.3								4.4	8.3	9.0
020-040	.4	.2	.5	.3								1.5	9.7	10.0
050-070		.3	.9	.1	.2							1.5	12.3	11.0
(E) 080-100		.6	.2									.9	8.3	8.0
110-130	1.0	1.8	.8									3.5	6.5	6.0
140-160	1.1	2.0	.8	.1								4.0	6.4	6.0
(S) 170-190	2.7	3.0	1.9	.6								8.3	7.5	7.0
200-220	7.8	9.7	5.1	.8	.1							23.4	6.7	6.0
230-250	4.8	4.1	4.0	.5								13.4	7.0	7.0
(W) 260-280	4.7	4.7	2.7	.3								12.5	6.4	6.0
290-310	2.6	2.6	.9	.4								6.5	6.4	5.0
320-340	3.0	3.3	1.5		.1							8.0	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											12.2	////////	
TOTALS	28.9	34.2	20.7	3.4	.4							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	2.3	1.7	.3	.1							5.3	8.7	9.0
020-040	.2	.6	.1	.1								1.1	7.5	7.0
050-070		.8	.9	.1	.3							2.0	12.0	11.0
(E) 080-100	.3	.5	1.0									1.8	7.9	10.0
110-130	.3	1.6	.6	.1								2.7	7.8	7.0
140-160	1.3	1.3	1.1									3.7	6.8	7.0
(S) 170-190	1.8	3.7	2.8	.8	.1							9.1	8.4	8.0
200-220	4.9	8.9	6.6	1.1	.2							21.7	8.2	8.0
230-250	3.9	7.0	5.1	1.1	.1							17.1	8.1	8.0
(W) 260-280	2.9	4.7	2.4	.5								10.5	7.3	7.0
290-310	2.4	4.5	1.9	.4								9.2	7.4	7.0
320-340	3.3	4.6	1.2	.4								9.6	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											6.1	////////	
TOTALS	22.2	40.5	25.4	4.9	.8							100.0	7.4	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	4.0	1.3	.3	.3							7.5	8.0	7.0
020-040	.4	.4	.3									1.2	6.7	6.0
050-070	.6	.8	1.2									2.6	7.8	9.0
(E) 080-100	.6	1.2	.9	.2								2.9	7.8	8.0
110-130	.3	.9	.6									1.8	7.9	8.0
140-160	.6	2.4	1.1									4.1	7.3	7.0
(S) 170-190	1.1	3.8	3.4	1.3	.1							9.7	9.5	9.5
200-220	1.7	6.6	7.1	1.7	.5							17.6	9.9	10.0
230-250	1.6	6.0	7.0	1.8	.8							17.2	10.1	10.0
(W) 260-280	1.6	4.2	4.4	1.4	.1							11.7	9.3	10.0
290-310	1.8	5.5	3.7	1.1	.2							12.3	8.8	8.0
320-340	1.7	4.5	2.3	.2								8.7	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											2.7	////////////////////////////////	
TOTALS	13.6	40.3	33.3	8.0	2.0							100.0	8.8	9.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	2.5	1.4	.1								5.9	6.4	6.0
020-040	1.1	.9	.8									2.7	6.9	6.0
050-070	1.0	1.3	.4									2.7	5.8	6.0
(E) 080-100	.6	1.0	.3									1.9	6.3	6.0
110-130	.9	1.0	.5	.1								2.5	6.3	5.0
140-160	1.7	2.8	1.0									5.5	6.3	6.0
(S) 170-190	2.4	3.7	3.3	.4								9.8	8.0	8.0
200-220	3.0	5.6	4.4	1.8	.3							15.2	9.0	8.0
230-250	1.6	5.4	5.8	1.5	.8	.1						15.2	10.3	10.0
(W) 260-280	1.9	7.2	3.9	.6								13.7	8.2	8.0
290-310	2.9	5.1	2.6	.6	.2							11.4	7.7	7.0
320-340	1.7	3.9	1.8	.3	.1							7.8	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											5.8	////////	
TOTALS	20.7	40.4	26.2	5.4	1.4	.1						100.0	7.6	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	2.5	.8									6.1	5.2	5.0
020-040	.5	.2	.8									1.5	7.7	8.0
050-070	.2	.6	.4									1.3	7.3	7.5
(E) 080-100	.1	.6	.3									1.1	7.6	7.5
110-130	1.0	1.1	.2									2.3	5.6	5.0
140-160	1.8	1.9	1.0									4.7	6.1	6.0
(S) 170-190	3.8	3.4	2.9	.2	.1							10.4	7.1	6.0
200-270	5.4	7.4	4.1	1.9	.2							19.0	7.9	7.0
230-250	5.1	7.0	3.4	.8	.3							16.6	7.4	6.0
(W) 260-280	3.2	4.6	1.1	.1								9.0	6.1	6.0
290-310	2.8	3.1	1.0	.3	.2							7.4	6.7	6.0
320-340	3.3	3.0	1.5	.4	.1							8.4	6.6	5.5
VARIABLE														
CALM	////////////////////////////////////											12.2	////////	
TOTALS	30.1	35.4	17.5	3.7	.9							100.0	6.1	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.3	2.8	.6	.1								4.8	6.7	7.0
020-040		.1	.4	.2	.1								.9	8.9	8.0
050-070		.2	.4	.2									.9	6.5	5.0
(E) 080-100		.5	1.4	.1									2.0	6.3	7.0
110-130		1.1	1.4	.5									3.0	5.6	5.0
140-160		.9	1.9	.4									3.2	6.4	6.5
(S) 170-190		3.1	3.7	2.6	.6	.1							10.1	7.6	7.0
200-220		4.0	8.8	4.9	1.2	.2							19.1	8.0	8.0
230-250		4.3	9.0	4.0	1.1	.3							18.7	7.9	7.0
(W) 260-280		2.2	2.9	2.8	.1								8.0	7.5	7.0
290-310		3.2	3.9	1.1	.5	.1							8.8	6.6	6.0
320-340		4.3	3.3	1.2	.4								9.2	5.8	5.0
VARIABLE															
CALM		////////////////////////////////////											11.2	////////////////////////////////	
TOTALS		25.2	39.9	18.6	4.1	.7							100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	2.4	1.3	.2	.1							5.3	7.3	7.0
020-040	.4	.4	.5	.1								1.4	7.7	8.0
050-070	.3	.7	.6	.0	.1							1.7	8.5	9.0
(E) 080-100	.3	.8	.4	.1								1.7	7.5	8.0
110-130	.7	1.2	.6	.1								2.6	6.9	6.0
140-160	1.1	2.0	.9	.0								4.0	6.7	7.0
(S) 170-190	2.4	3.4	2.6	.6	.1							9.0	7.8	7.0
200-220	5.0	8.2	5.3	1.4	.3							20.2	8.0	7.0
230-250	3.8	6.5	4.4	1.1	.3	.0						16.1	8.2	8.0
(W) 260-280	2.9	4.5	2.7	.5	.1							10.7	7.5	7.0
290-310	2.6	3.9	1.8	.5	.1							9.0	7.4	7.0
320-340	2.9	3.9	1.5	.3	.0							8.6	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											9.7	////////////////////////////////	
TOTALS	23.9	37.9	22.6	4.9	1.1							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	2.3	1.8	.4	.1							5.4	8.5	8.0
020-040	.9	.6	.8	.2								2.6	7.7	7.0
050-070	.6	1.7	1.0	.1								3.4	7.7	8.0
(E) 080-100	.7	2.0	1.4	.1								4.3	8.0	8.0
110-130	1.6	2.5	1.6	.1								5.9	7.2	7.0
140-160	2.0	5.2	1.6	.1								8.9	6.8	7.0
(S) 170-190	4.3	6.6	5.5	.9								17.3	7.9	8.0
200-220	4.7	7.7	4.7	.8	.1							18.0	7.6	7.0
230-250	2.9	2.2	.8	.2								6.2	5.6	5.0
(W) 260-280	1.1	1.1	.4	.1								2.7	6.0	5.0
290-310	.9	1.8	1.1	.4	.2							4.4	8.4	6.5
320-340	3.2	3.7	2.1	.3								9.2	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											11.6	////////	
TOTALS	23.8	37.4	22.8	3.7	.4							100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 1424

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	2.6	1.2	.2	.0							6.3	6.6	6.0
020-040	1.4	2.1	1.3	.2	.0							5.0	7.5	7.0
050-070	1.5	2.8	.9	.2	.0	.0						5.5	6.8	6.0
(E) 080-100	1.7	2.2	.3	.0	.0							4.2	5.5	5.0
110-130	1.5	1.8	.3	.0								3.7	5.5	5.0
140-160	1.8	2.3	.8	.0	.0							4.9	6.2	6.0
(S) 170-190	2.7	4.2	2.4	.4	.1	.0	.0					9.7	7.4	7.0
200-220	4.4	5.3	2.7	.6	.2	.0	.0					13.2	7.1	6.0
230-250	3.0	3.4	2.1	.5	.2	.0	.0					9.1	7.4	7.0
(W) 260-280	2.5	2.7	1.8	.4	.1	.0	.0					7.5	7.1	6.0
290-310	2.7	3.4	2.1	.5	.1	.0						8.7	7.3	7.0
320-340	2.8	3.4	1.5	.2	.0	.0	.0					7.9	6.5	6.0
VARIABLE														
CALM	////////////////////											14.2	////////	
TOTALS	28.2	36.2	17.4	3.2	.7							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS: 87643

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		2.8	5.0	3.1	.4	.0							11.5	7.6	7.0
020-040		1.9	3.4	2.3	.8	.0							8.4	8.2	8.0
050-070		2.2	3.7	1.9	.6	.1	.0						8.6	7.7	7.0
(E) 080-100		2.4	2.7	.8	.1	.0							6.0	5.9	5.0
110-130		2.0	2.2	.7	.0								4.9	5.8	5.0
140-160		2.3	3.1	1.1	.1	.0							6.6	6.3	6.0
(S) 170-190		3.2	4.7	2.7	.4	.1							11.1	7.2	7.0
200-220		3.7	4.7	2.3	.4	.1	.0						11.3	6.9	6.0
230-250		1.8	1.9	.7	.2	.1	.0						4.6	6.6	5.0
(W) 260-280		1.0	1.1	.6	.2	.0							2.9	6.9	6.0
290-310		1.4	2.0	1.1	.2	.1	.0						4.9	7.5	7.0
320-340		2.3	3.3	1.8	.2	.0							7.7	7.1	7.0
VARIABLE															
CALM		////////////////////////////////////										11.7	////////////////////////////////		
TOTALS		27.0	37.8	19.1	3.6	.5							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS: 10971

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD

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PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.0	34.3	35.2	35.3	35.9	36.3	36.5	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7
GE 20000	35.3	35.6	37.6	37.7	38.4	38.8	38.9	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	35.4	36.7	37.7	37.8	38.5	38.9	39.0	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2
GE 16000	35.5	36.8	37.8	38.0	38.6	39.0	39.1	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4
GE 14000	35.7	37.0	38.1	38.2	38.8	39.2	39.4	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6
GE 12000	36.3	37.7	38.8	38.9	39.6	40.0	40.1	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3
GE 10000	38.8	40.2	41.4	41.6	42.3	42.7	42.8	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0
GE 9000	39.6	41.1	42.4	42.6	43.2	43.7	43.8	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0
GE 8000	41.4	43.3	44.7	45.4	46.0	46.5	46.6	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8
GE 7000	41.8	43.8	45.2	45.8	46.5	46.9	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2
GE 6000	41.9	43.9	45.3	45.9	46.6	47.0	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3
GE 5000	43.9	46.1	47.5	48.2	48.9	49.5	49.8	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1
GE 4500	44.4	46.7	48.1	48.7	49.6	50.1	50.4	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8
GE 4000	47.6	49.9	51.5	52.2	53.1	53.7	54.2	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5
GE 3500	50.4	52.7	54.5	55.3	56.5	57.0	57.6	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0
GE 3000	54.9	57.6	59.8	61.0	62.7	63.2	64.1	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4
GE 2500	60.1	63.2	65.9	67.3	69.5	70.1	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
GE 2000	65.8	69.2	73.0	74.7	77.1	77.7	79.8	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 1800	66.5	70.0	73.8	75.5	77.8	78.5	80.5	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
GE 1500	67.6	71.5	75.5	78.3	81.1	81.7	84.1	84.9	84.9	85.1	85.4	85.4	85.5	85.5	85.5	85.5
GE 1200	68.7	72.7	76.9	79.9	82.8	83.4	86.0	86.9	87.0	87.1	87.6	87.6	87.7	87.7	87.7	87.7
GE 1000	69.1	73.3	77.5	80.8	84.1	84.7	87.3	88.4	88.8	89.5	90.1	90.1	90.3	90.3	90.3	90.3
GE 900	69.2	73.4	77.6	80.9	84.4	85.2	87.8	89.0	89.5	90.1	90.9	91.0	91.4	91.4	91.4	91.4
GE 800	69.4	73.5	77.8	81.3	84.9	85.8	88.5	90.1	90.6	91.6	92.4	92.6	93.1	93.1	93.1	93.1
GE 700	69.4	73.5	77.8	81.3	85.2	86.3	89.1	91.1	91.8	92.8	93.5	93.8	94.3	94.3	94.3	94.3
GE 600	69.4	73.5	77.8	81.3	85.2	86.3	89.2	91.7	92.9	94.2	95.2	95.4	95.9	95.9	95.9	95.9
GE 500	69.5	73.7	78.0	81.4	85.3	86.6	89.5	92.7	93.9	95.3	96.3	96.6	97.1	97.1	97.1	97.1
GE 400	69.5	73.7	78.0	81.4	85.4	86.7	89.6	93.1	94.5	96.1	97.3	97.6	98.2	98.2	98.2	98.2
GE 300	69.5	73.7	78.0	81.4	85.4	86.7	89.8	93.4	94.8	96.8	98.0	98.3	98.8	98.8	98.8	98.8
GE 200	69.5	73.7	78.0	81.4	85.4	86.7	90.4	94.1	95.5	97.6	98.8	99.1	99.8	99.8	99.8	99.8
GE 100	69.5	73.7	78.0	81.4	85.4	86.7	90.4	94.1	95.5	97.8	99.0	99.4	100.0	100.0	100.0	100.0
GE 000	69.5	73.7	78.0	81.4	85.4	86.7	90.4	94.1	95.5	97.8	99.0	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.2	34.0	34.9	35.3	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.8	35.8	35.8
GE 20000	35.4	36.3	37.3	37.7	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.3	38.3	38.3	38.3
GE 18000	35.5	36.5	37.4	37.8	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.4	38.4	38.4	38.4
GE 16000	35.5	36.5	37.4	37.8	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.4	38.4	38.4	38.4
GE 14000	35.6	36.6	37.5	38.0	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.5	38.5	38.5	38.5
GE 12000	36.1	37.2	38.3	38.8	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.4	39.4	39.4	39.4
GE 10000	38.4	39.7	41.0	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.2	42.2	42.2	42.2
GE 9000	39.1	40.4	41.9	42.6	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.1	43.1	43.1	43.1
GE 8000	41.5	43.0	44.7	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.9	45.9	45.9	45.9
GE 7000	42.2	43.7	45.4	46.0	46.2	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.8	46.8	46.8	46.8
GE 6000	42.5	44.0	45.7	46.3	46.6	46.7	46.9	46.9	46.9	46.9	46.9	46.9	47.1	47.1	47.1	47.1
GE 5000	44.1	45.6	47.4	48.1	48.3	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.9	48.9	48.9	48.9
GE 4500	45.6	47.1	49.0	49.7	49.9	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.5	50.5	50.5	50.5
GE 4000	49.0	50.6	53.2	53.9	54.3	54.4	54.7	54.9	54.9	54.9	54.9	54.9	55.2	55.2	55.2	55.2
GE 3500	51.9	53.5	56.3	57.1	57.6	57.7	58.1	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5
GE 3000	56.2	58.1	61.5	62.9	63.9	64.1	64.5	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9
GE 2500	60.3	62.5	66.3	67.7	69.0	69.2	69.9	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4
GE 2000	64.8	67.3	71.9	73.8	75.4	75.7	77.2	78.3	78.4	78.6	78.6	78.6	78.8	78.8	78.8	78.8
GE 1800	66.3	68.9	73.7	75.5	77.2	77.5	79.0	80.1	80.3	80.6	80.6	80.6	80.9	80.9	80.9	80.9
GE 1500	68.8	71.7	77.1	79.2	81.4	81.7	83.8	84.8	85.1	85.7	85.8	85.8	86.0	86.0	86.0	86.0
GE 1200	69.8	72.7	78.1	80.5	82.8	83.1	85.4	86.5	86.7	87.3	87.6	87.6	87.8	87.8	87.8	87.8
GE 1000	70.5	73.7	79.2	81.9	84.6	85.2	87.6	88.8	89.0	89.7	90.3	90.3	90.6	90.6	90.6	90.6
GE 900	70.6	73.8	79.4	82.4	85.2	85.7	88.3	90.0	90.3	91.0	91.6	91.6	91.9	91.9	91.9	91.9
GE 800	70.6	73.8	79.4	82.7	85.7	86.6	89.4	91.5	92.0	92.8	93.4	93.4	93.8	93.8	93.8	93.8
GE 700	70.6	73.9	79.5	82.9	86.0	87.1	89.9	92.5	93.0	93.8	94.4	94.4	94.9	94.9	94.9	94.9
GE 600	70.6	73.9	79.5	82.9	86.0	87.1	90.0	92.9	93.8	94.6	95.3	95.3	95.8	95.8	95.8	95.8
GE 500	70.6	73.9	79.5	82.9	86.0	87.1	90.0	93.3	94.3	95.2	95.8	95.8	96.3	96.3	96.3	96.3
GE 400	70.6	73.9	79.5	82.9	86.0	87.1	90.2	93.7	95.1	95.9	96.8	96.8	97.3	97.3	97.3	97.3
GE 300	70.6	73.9	79.5	83.1	86.2	87.3	90.4	94.4	95.8	96.8	97.8	97.8	98.6	98.6	98.6	98.6
GE 200	70.6	73.9	79.5	83.1	86.2	87.3	91.0	94.9	96.3	97.3	98.6	98.6	99.4	99.4	99.6	99.6
GE 100	70.6	73.9	79.5	83.1	86.2	87.3	91.0	94.9	96.3	97.3	98.7	98.7	99.5	99.5	99.9	100.0
GE 000	70.6	73.9	79.5	83.1	86.2	87.3	91.0	94.9	96.3	97.3	98.7	98.7	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.2	32.7	33.4	34.3	34.9	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 20000	34.1	34.7	35.5	36.3	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 18000	34.2	34.8	35.6	36.5	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 16000	34.2	34.8	35.6	36.5	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 14000	34.3	34.9	35.7	36.6	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 12000	34.7	35.4	36.2	37.1	38.0	38.0	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 10000	37.2	38.1	39.4	40.3	41.3	41.3	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 9000	37.7	38.6	39.9	40.9	41.8	41.8	41.9	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 8000	39.5	40.5	41.9	42.9	43.9	43.9	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 7000	39.9	41.2	42.6	43.5	44.5	44.5	44.7	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 6000	40.2	41.5	43.0	44.0	44.9	45.1	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 5000	42.2	43.5	45.1	46.0	47.0	47.1	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 4500	44.1	45.5	47.0	48.0	48.9	49.0	49.2	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 4000	47.3	48.8	50.9	52.2	53.3	53.4	53.7	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 3500	49.5	51.3	53.3	54.7	56.5	56.6	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 3000	55.7	58.2	61.2	62.8	64.6	64.7	65.3	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 2500	59.8	62.4	65.5	67.3	69.7	69.8	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 2000	62.7	65.4	69.5	71.4	74.0	74.4	75.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 1800	64.6	67.4	71.6	74.1	76.7	77.1	78.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1500	67.2	70.3	74.6	77.2	80.6	81.2	82.5	83.8	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2
GE 1200	68.4	71.6	75.9	78.6	82.6	83.1	84.6	86.0	86.2	86.5	86.7	86.7	86.8	86.8	86.8	86.8
GE 1000	69.1	72.6	77.1	79.8	84.5	85.2	86.9	88.6	88.8	89.1	89.4	89.5	89.6	89.6	89.6	89.6
GE 900	69.4	72.9	77.4	80.1	85.2	85.8	87.8	90.0	90.2	90.8	91.0	91.1	91.2	91.2	91.2	91.2
GE 800	69.7	73.2	77.8	80.6	85.9	86.7	88.7	91.0	91.3	91.8	92.2	92.3	92.4	92.4	92.4	92.4
GE 700	70.0	73.5	78.5	81.3	86.7	87.5	89.6	91.9	92.3	92.8	93.1	93.2	93.4	93.4	93.4	93.5
GE 600	70.0	73.5	78.6	81.5	87.0	88.0	90.3	92.9	93.5	94.3	94.9	95.1	95.4	95.4	95.4	95.5
GE 500	70.1	73.7	78.7	81.6	87.2	88.3	90.9	93.9	94.7	95.6	96.2	96.3	96.7	96.7	96.7	96.8
GE 400	70.1	73.7	78.7	81.6	87.2	88.4	91.1	94.4	95.8	96.8	97.5	97.7	98.2	98.2	98.2	98.3
GE 300	70.1	73.7	78.7	81.6	87.2	88.4	91.4	94.8	96.2	97.3	98.3	98.5	99.0	99.0	99.0	99.2
GE 200	70.1	73.7	78.7	81.6	87.2	88.6	91.6	95.1	96.5	97.5	98.7	98.9	99.6	99.6	99.6	99.9
GE 100	70.1	73.7	78.7	81.6	87.2	88.6	91.6	95.1	96.5	97.5	98.7	98.9	99.7	99.7	99.7	100.0
GE 000	70.1	73.7	78.7	81.6	87.2	88.6	91.6	95.1	96.5	97.5	98.7	98.9	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.0	31.2	32.2	32.6	33.7	33.8	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 20000	33.4	34.8	35.8	36.6	37.7	37.8	38.1	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 18000	33.5	34.9	35.9	36.7	37.8	38.0	38.2	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 16000	33.5	34.9	35.9	36.7	38.1	38.2	38.4	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 14000	34.0	35.4	36.3	37.1	38.5	38.6	38.8	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 12000	34.8	36.3	37.4	38.2	39.6	39.7	40.0	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 10000	37.5	39.1	40.4	41.2	42.7	42.8	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 9000	37.8	39.5	40.8	41.5	43.0	43.1	43.4	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 8000	39.0	40.6	41.9	42.8	44.4	44.6	45.2	45.7	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 7000	40.3	42.0	43.3	44.2	45.8	46.0	46.6	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 6000	41.3	43.0	44.5	45.4	47.1	47.4	48.0	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 5000	42.8	44.9	46.5	47.5	49.4	49.7	50.2	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 4500	44.1	46.2	47.7	48.9	50.8	51.1	51.6	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 4000	46.9	49.2	51.1	52.4	54.4	54.7	55.3	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 3500	48.7	51.2	53.3	54.7	56.9	57.4	58.0	58.6	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0
GE 3000	53.2	56.1	58.9	60.4	62.7	63.2	63.8	64.4	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8
GE 2500	56.9	60.2	63.7	65.3	67.7	68.3	69.0	69.8	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 2000	60.2	64.2	68.3	70.2	73.2	73.9	74.9	76.0	76.1	76.7	77.1	77.2	77.2	77.2	77.2	77.2
GE 1800	61.5	65.7	69.9	71.9	75.1	75.7	76.9	78.0	78.1	78.6	79.0	79.1	79.1	79.1	79.1	79.1
GE 1500	64.6	69.0	73.4	75.8	79.5	80.1	81.4	82.7	82.8	83.4	84.0	84.1	84.1	84.1	84.1	84.1
GE 1200	65.6	70.4	75.2	78.0	82.2	82.8	84.2	85.5	85.6	86.2	86.8	86.9	86.9	86.9	86.9	86.9
GE 1000	66.3	71.2	76.5	79.4	83.8	84.6	86.6	88.3	88.4	89.5	90.1	90.4	90.4	90.5	90.5	90.5
GE 900	66.5	71.4	76.9	79.9	84.4	85.3	87.3	89.2	89.5	90.5	91.2	91.5	91.5	91.6	91.6	91.6
GE 800	66.5	71.5	77.0	80.3	85.2	86.1	88.2	90.1	90.4	91.6	92.7	93.0	93.0	93.1	93.1	93.1
GE 700	66.5	71.8	77.3	80.8	86.0	87.0	89.0	91.4	91.8	93.1	94.3	94.6	95.2	95.3	95.3	95.3
GE 600	66.5	71.8	77.3	80.8	86.2	87.2	89.7	92.3	92.7	94.3	96.0	96.3	96.9	97.0	97.0	97.0
GE 500	66.5	71.8	77.3	80.8	86.3	87.3	89.8	92.6	93.3	94.9	96.7	97.0	98.0	98.1	98.1	98.1
GE 400	66.5	71.8	77.3	80.8	86.3	87.3	89.8	92.6	93.5	95.2	96.9	97.2	98.2	98.3	98.3	98.3
GE 300	66.5	71.8	77.3	80.8	86.5	87.4	89.9	92.7	93.7	95.4	97.1	97.5	98.8	98.9	98.9	99.0
GE 200	66.5	71.8	77.3	80.8	86.5	87.4	89.9	92.7	93.8	95.5	97.6	98.1	99.5	99.6	99.6	99.7
GE 100	66.5	71.8	77.3	80.8	86.5	87.4	89.9	92.7	93.8	95.5	97.6	98.1	99.6	99.7	99.8	100.0
GE 000	66.5	71.8	77.3	80.8	86.5	87.4	89.9	92.7	93.8	95.5	97.6	98.1	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.5	34.2	34.7	34.9	35.1	35.3	35.4	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 20000	35.8	37.7	38.4	38.6	38.7	39.0	39.1	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 18000	36.1	38.1	38.7	38.9	39.0	39.4	39.5	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 16000	36.1	38.1	38.7	38.9	39.1	39.5	39.6	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 14000	36.5	38.4	39.0	39.2	39.5	39.8	39.9	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 12000	37.8	39.9	40.5	40.8	41.2	41.5	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 10000	40.3	43.1	43.8	44.0	44.5	44.8	44.9	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 9000	41.3	44.3	44.9	45.2	45.7	46.0	46.1	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 8000	42.6	45.9	46.9	47.2	48.1	48.4	48.6	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 7000	44.5	47.8	48.8	49.1	50.0	50.3	50.6	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 6000	44.8	48.2	49.1	49.5	50.3	50.6	51.0	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 5000	45.4	48.8	49.8	50.1	51.2	51.5	51.8	52.4	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7
GE 4500	45.8	49.6	50.5	50.9	52.0	52.4	52.7	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
GE 4000	47.2	51.2	52.5	53.0	54.3	54.6	55.1	55.6	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0
GE 3500	50.2	54.3	55.7	56.2	57.5	58.0	58.4	58.9	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4
GE 3000	55.8	60.2	61.9	62.7	64.4	64.9	65.5	66.6	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0
GE 2500	61.0	66.0	68.3	69.4	71.7	72.4	72.9	74.2	74.5	74.7	74.9	74.9	75.1	75.1	75.1	75.1
GE 2000	64.4	69.7	72.2	73.5	76.2	76.9	77.5	79.2	79.6	80.1	80.4	80.4	80.5	80.5	80.5	80.5
GE 1800	64.8	70.3	72.9	74.5	77.2	78.1	78.8	80.5	80.9	81.4	81.7	81.7	81.8	81.8	81.8	81.8
GE 1500	67.3	72.9	76.2	78.6	81.8	82.7	83.4	85.3	85.6	86.1	86.6	86.6	86.8	86.8	86.8	86.8
GE 1200	68.0	74.2	78.0	80.9	84.6	85.5	86.3	88.3	88.6	89.1	89.7	89.7	89.9	89.9	89.9	89.9
GE 1000	68.6	75.2	79.5	82.4	86.1	87.2	88.1	90.0	90.3	91.2	91.8	91.8	92.2	92.2	92.2	92.2
GE 900	68.6	75.3	79.9	82.9	86.8	88.0	89.0	91.1	91.5	92.6	93.2	93.2	93.8	93.8	93.8	93.8
GE 800	68.6	75.4	80.0	83.2	87.1	88.5	89.7	92.2	92.6	93.9	94.9	94.9	95.6	95.6	95.7	95.7
GE 700	68.6	75.4	80.1	83.3	87.4	88.8	90.0	92.7	93.1	94.4	95.6	95.6	96.3	96.3	96.5	96.5
GE 600	68.6	75.4	80.1	83.4	87.7	89.1	90.3	93.1	93.5	95.1	96.2	96.5	97.4	97.4	97.5	97.5
GE 500	68.6	75.4	80.1	83.4	87.7	89.1	90.3	93.2	93.9	95.5	96.9	97.1	98.4	98.4	98.6	98.6
GE 400	68.6	75.4	80.1	83.4	87.7	89.1	90.3	93.3	94.0	95.8	97.3	97.5	98.8	98.8	99.0	99.0
GE 300	68.6	75.4	80.1	83.4	87.7	89.1	90.3	93.4	94.1	96.2	97.7	98.0	99.4	99.4	99.6	99.6
GE 200	68.6	75.4	80.1	83.4	87.7	89.1	90.3	93.4	94.1	96.2	98.1	98.4	99.8	99.8	100.0	100.0
GE 100	68.6	75.4	80.1	83.4	87.7	89.1	90.3	93.4	94.1	96.2	98.1	98.4	99.8	99.8	100.0	100.0
GE 000	68.6	75.4	80.1	83.4	87.7	89.1	90.3	93.4	94.1	96.2	98.1	98.4	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.0	33.8	34.5	34.6	34.7	34.8	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 20000	36.5	37.5	38.4	38.5	38.8	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	37.0	38.0	38.8	38.9	39.2	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 16000	37.0	38.1	38.9	39.0	39.4	39.5	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 14000	37.6	38.7	39.6	39.7	40.0	40.1	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 12000	39.0	40.3	41.2	41.4	41.8	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 10000	41.6	43.2	44.3	44.5	44.9	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4
GE 9000	42.3	43.9	44.9	45.2	45.7	45.8	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1
GE 8000	44.6	46.5	47.7	48.0	49.1	49.2	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7
GE 7000	46.2	48.2	49.5	49.8	51.1	51.2	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7
GE 6000	46.8	48.7	50.1	50.4	51.7	52.0	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6
GE 5000	47.2	49.1	50.6	51.1	52.4	52.7	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3
GE 4500	48.4	50.3	51.9	52.4	53.7	54.0	54.0	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6
GE 4000	50.3	52.6	54.7	55.2	56.7	57.0	57.1	57.6	57.6	57.8	57.8	57.8	57.8	57.8	58.0	58.0
GE 3500	52.5	54.9	57.1	57.8	59.8	60.3	60.5	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5
GE 3000	58.7	61.5	63.7	64.4	66.6	67.2	67.4	68.2	68.2	68.7	68.8	68.8	68.8	68.8	68.9	68.9
GE 2500	65.2	68.4	71.2	72.4	74.9	75.8	76.1	77.0	77.1	77.7	77.8	77.8	77.8	77.8	78.0	78.0
GE 2000	68.3	72.8	76.5	78.2	81.0	81.9	82.7	84.2	84.3	85.2	85.4	85.4	85.4	85.4	85.5	85.5
GE 1800	68.8	73.3	77.0	78.9	81.8	82.8	83.5	85.1	85.2	86.0	86.3	86.3	86.3	86.3	86.5	86.5
GE 1500	70.0	74.8	78.7	80.9	84.0	84.9	85.7	87.4	87.5	88.5	89.4	89.4	89.4	89.4	89.5	89.5
GE 1200	71.0	76.1	80.4	82.8	86.0	87.0	87.7	89.5	89.6	90.5	91.4	91.4	91.5	91.5	91.6	91.6
GE 1000	71.1	76.2	80.5	83.2	86.7	87.7	88.7	90.5	90.6	91.8	92.7	92.7	93.0	93.0	93.1	93.1
GE 900	71.1	76.2	80.5	83.3	86.8	88.0	89.0	91.1	91.3	92.8	93.7	93.7	94.0	94.0	94.1	94.1
GE 800	71.1	76.2	80.5	83.3	86.9	88.1	89.1	91.3	91.5	93.5	94.5	94.5	94.8	94.8	94.9	94.9
GE 700	71.1	76.2	80.6	83.4	87.1	88.4	89.5	91.9	92.2	94.3	95.3	95.3	95.6	95.6	95.7	95.7
GE 600	71.1	76.2	80.6	83.4	87.1	88.4	89.6	92.0	92.5	94.6	95.7	95.7	96.1	96.2	96.5	96.5
GE 500	71.1	76.2	80.6	83.4	87.1	88.7	89.9	92.4	92.8	95.4	96.7	96.7	97.3	97.4	97.6	97.7
GE 400	71.1	76.2	80.6	83.4	87.3	89.0	90.5	93.0	93.4	96.1	97.7	97.7	98.5	98.6	98.8	98.9
GE 300	71.1	76.2	80.6	83.4	87.3	89.1	90.6	93.1	93.5	96.3	98.2	98.3	99.1	99.2	99.5	99.7
GE 200	71.1	76.2	80.6	83.4	87.3	89.1	90.6	93.1	93.5	96.3	98.2	98.3	99.4	99.5	99.7	99.9
GE 100	71.1	76.2	80.6	83.4	87.3	89.1	90.6	93.1	93.5	96.3	98.2	98.3	99.4	99.5	99.7	99.9
GE 000	71.1	76.2	80.6	83.4	87.3	89.1	90.6	93.1	93.5	96.3	98.2	98.3	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.4	35.6	35.9	35.9	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.5
GE 20000	37.2	38.4	38.7	38.7	38.8	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.4	39.4
GE 18000	37.6	38.9	39.2	39.2	39.4	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.9	39.9
GE 16000	37.7	39.0	39.4	39.4	39.5	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	40.0	40.0
GE 14000	38.1	39.4	39.9	39.9	40.0	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.5	40.5
GE 12000	39.0	40.5	41.1	41.2	41.3	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.8	41.8
GE 10000	41.9	43.8	44.3	44.5	44.6	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.2	45.2	45.3	45.3
GE 9000	42.4	44.2	44.7	45.1	45.2	45.5	45.5	45.5	45.5	45.6	45.6	45.6	45.7	45.7	45.8	45.8
GE 8000	44.0	45.8	47.0	47.7	48.2	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.9	48.9
GE 7000	44.5	46.6	47.7	48.5	48.9	49.2	49.2	49.4	49.4	49.5	49.5	49.5	49.6	49.6	49.7	49.7
GE 6000	44.7	46.8	48.0	48.7	49.1	49.5	49.5	49.6	49.6	49.8	49.8	49.8	49.9	49.9	50.0	50.0
GE 5000	46.0	48.3	49.6	50.4	50.9	51.2	51.2	51.3	51.3	51.6	51.6	51.6	51.7	51.7	51.8	51.8
GE 4500	47.5	50.2	51.6	52.5	53.0	53.4	53.4	53.7	53.7	54.0	54.0	54.0	54.1	54.1	54.2	54.2
GE 4000	51.1	54.0	55.7	56.8	57.7	58.2	58.2	58.7	58.8	59.1	59.1	59.1	59.2	59.2	59.4	59.4
GE 3500	53.9	56.9	58.8	59.9	61.0	61.4	61.4	62.0	62.2	62.5	62.5	62.5	62.6	62.6	62.7	62.7
GE 3000	58.6	61.7	64.0	65.5	66.8	67.3	67.4	68.1	68.2	68.5	68.5	68.5	68.6	68.6	68.7	68.7
GE 2500	63.8	67.6	70.4	72.4	74.0	74.6	75.2	75.8	75.9	76.2	76.2	76.2	76.3	76.3	76.5	76.5
GE 2000	68.5	72.7	75.9	78.4	80.2	81.1	82.2	84.0	84.2	84.5	84.5	84.5	84.6	84.6	84.7	84.7
GE 1800	69.4	73.8	77.1	79.7	81.5	82.4	83.4	85.3	85.5	85.8	85.8	85.8	85.9	85.9	86.0	86.0
GE 1500	70.1	74.7	78.7	81.4	83.7	84.5	86.0	88.0	88.2	88.7	88.9	88.9	89.0	89.0	89.2	89.2
GE 1200	71.3	76.2	80.4	83.1	85.6	86.5	88.0	90.0	90.4	91.0	91.2	91.2	91.3	91.3	91.5	91.5
GE 1000	71.6	76.6	80.9	83.7	86.1	87.1	88.8	91.3	91.8	92.6	93.0	93.0	93.1	93.1	93.4	93.4
GE 900	71.9	76.9	81.3	84.1	86.6	87.6	89.4	91.9	92.6	93.3	93.8	93.8	93.9	93.9	94.2	94.2
GE 800	71.9	76.9	81.4	84.2	86.7	87.7	89.5	92.2	92.9	93.9	94.3	94.3	94.5	94.5	94.9	95.1
GE 700	71.9	76.9	81.5	84.3	86.8	88.0	89.8	92.6	93.4	94.4	94.9	94.9	95.2	95.3	95.7	95.8
GE 600	71.9	76.9	81.5	84.3	86.8	88.0	90.0	92.9	93.8	94.8	95.5	95.6	95.8	96.0	96.5	96.6
GE 500	71.9	76.9	81.5	84.3	86.8	88.0	90.0	92.9	94.0	95.2	96.0	96.1	96.3	96.6	97.0	97.2
GE 400	71.9	76.9	81.5	84.3	86.8	88.2	90.2	93.1	94.2	95.6	96.8	96.9	97.6	98.1	98.5	98.8
GE 300	71.9	76.9	81.5	84.3	86.8	88.2	90.2	93.1	94.3	95.7	97.3	97.4	98.2	98.6	99.0	99.4
GE 200	71.9	76.9	81.5	84.3	86.8	88.2	90.2	93.1	94.4	95.9	97.5	97.6	98.5	98.9	99.7	100.0
GE 100	71.9	76.9	81.5	84.3	86.8	88.2	90.2	93.1	94.4	95.9	97.5	97.6	98.5	98.9	99.7	100.0
GE 000	71.9	76.9	81.5	84.3	86.8	88.2	90.2	93.1	94.4	95.9	97.5	97.6	98.5	98.9	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.3	33.9	34.5	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.1	35.1	35.3	35.3
GE 20000	34.9	35.6	36.2	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8	37.0	37.0
GE 18000	34.9	35.6	36.2	36.6	36.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.2	37.2
GE 16000	34.9	35.6	36.2	36.6	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.3	37.3
GE 14000	35.2	35.8	36.7	37.0	37.1	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.6	37.6	37.8	37.8
GE 12000	36.3	37.0	37.8	38.2	38.3	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.8	38.8	39.0	39.0
GE 10000	38.6	39.6	40.5	41.1	41.4	41.7	41.7	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.3	42.3
GE 9000	38.7	39.9	41.0	41.5	41.8	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.7	42.7
GE 8000	41.2	42.6	43.9	44.4	45.1	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.9	45.9
GE 7000	42.6	44.0	45.3	45.8	46.5	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.3	47.3
GE 6000	42.7	44.1	45.4	45.9	46.6	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.4	47.4
GE 5000	44.0	45.5	46.9	47.4	48.1	48.4	48.4	48.6	48.6	48.7	48.7	48.7	48.8	48.8	49.0	49.0
GE 4500	44.5	46.2	47.6	48.2	48.8	49.1	49.1	49.4	49.4	49.5	49.5	49.5	49.6	49.6	49.8	49.8
GE 4000	50.4	52.6	54.3	55.3	56.0	56.5	56.5	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.1	57.1
GE 3500	52.8	54.9	56.8	57.7	58.6	59.0	59.0	59.2	59.2	59.4	59.4	59.4	59.5	59.5	59.7	59.7
GE 3000	58.2	60.9	62.9	64.0	65.2	65.7	65.7	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.3	66.3
GE 2500	62.6	65.6	68.2	69.7	71.0	71.6	72.2	72.6	72.6	72.7	72.7	72.7	72.8	72.8	73.0	73.0
GE 2000	66.9	70.5	73.7	75.5	77.2	77.8	78.8	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.8	79.8
GE 1800	67.7	71.6	74.9	76.9	78.8	79.6	80.9	81.4	81.4	81.5	81.5	81.5	81.7	81.7	81.9	81.9
GE 1500	69.4	73.5	77.6	80.2	82.5	83.3	85.4	86.2	86.3	86.8	86.8	87.0	87.2	87.2	87.4	87.4
GE 1200	70.9	75.2	79.2	81.8	84.1	84.9	87.0	88.1	88.2	88.7	89.1	89.2	89.5	89.5	89.7	89.7
GE 1000	71.4	75.8	79.9	82.6	84.9	86.0	88.4	90.0	90.2	91.3	91.7	92.0	92.4	92.4	92.6	92.6
GE 900	71.4	75.9	80.1	82.9	85.3	86.3	88.9	90.6	91.1	92.2	92.6	92.9	93.2	93.2	93.5	93.7
GE 800	71.4	76.0	80.4	83.2	85.6	86.7	89.2	91.1	91.7	93.2	93.7	94.0	94.3	94.3	94.6	94.8
GE 700	71.4	76.0	80.4	83.2	85.6	86.8	89.4	91.3	92.6	94.2	94.8	95.2	95.5	95.5	95.8	96.0
GE 600	71.4	76.0	80.4	83.2	85.6	86.8	89.4	91.9	93.3	95.2	95.8	96.1	96.6	96.6	96.9	97.1
GE 500	71.4	76.0	80.4	83.2	85.6	86.8	89.4	91.9	93.4	95.3	96.2	96.7	97.1	97.1	97.4	97.6
GE 400	71.4	76.0	80.4	83.2	85.6	86.8	89.4	92.4	94.1	95.9	96.9	97.4	97.8	97.8	98.2	98.4
GE 300	71.4	76.0	80.4	83.2	85.6	86.8	89.4	92.4	94.2	96.1	97.3	98.1	98.5	98.5	98.8	99.0
GE 200	71.4	76.0	80.4	83.2	85.6	86.8	89.4	92.7	94.5	96.6	97.8	98.7	99.1	99.1	99.6	99.8
GE 100	71.4	76.0	80.4	83.2	85.6	86.8	89.4	92.7	94.5	96.7	98.0	98.8	99.4	99.4	99.8	100.0
GE 000	71.4	76.0	80.4	83.2	85.6	86.8	89.4	92.7	94.5	96.7	98.0	98.8	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.7	33.7	34.4	34.7	35.1	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5
GE 20000	35.3	36.5	37.2	37.6	38.0	38.2	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5
GE 18000	35.5	36.7	37.5	37.8	38.2	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7
GE 16000	35.6	36.7	37.5	37.8	38.3	38.5	38.6	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8
GE 14000	35.9	37.0	37.8	38.2	38.7	38.9	38.9	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2
GE 12000	36.8	38.1	38.9	39.3	39.8	40.1	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4
GE 10000	39.3	40.8	41.9	42.4	42.9	43.2	43.2	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.6
GE 9000	39.9	41.5	42.6	43.1	43.7	43.9	44.0	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3
GE 8000	41.7	43.5	44.9	45.5	46.3	46.5	46.6	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.1	47.1
GE 7000	42.8	44.7	46.0	46.6	47.4	47.7	47.8	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3
GE 6000	43.1	45.0	46.4	47.0	47.9	48.1	48.3	48.6	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8
GE 5000	44.4	46.5	47.9	48.6	49.5	49.8	50.0	50.4	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.6
GE 4500	45.6	47.7	49.2	49.9	50.8	51.1	51.4	51.7	51.8	51.8	51.9	51.9	51.9	51.9	52.0	52.0
GE 4000	48.7	51.1	53.0	53.8	55.0	55.3	55.6	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3
GE 3500	51.2	53.7	55.7	56.7	58.0	58.4	58.7	59.2	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.5
GE 3000	56.4	59.3	61.7	63.0	64.6	65.1	65.5	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.4	66.4
GE 2500	61.2	64.5	67.4	68.9	70.9	71.5	72.2	72.8	72.9	73.1	73.2	73.2	73.2	73.2	73.3	73.3
GE 2000	65.2	69.0	72.6	74.5	76.8	77.4	78.6	79.7	79.9	80.2	80.3	80.3	80.4	80.4	80.5	80.5
GE 1800	66.2	70.1	73.9	75.9	78.3	79.0	80.2	81.3	81.5	81.8	82.0	82.0	82.1	82.1	82.1	82.1
GE 1500	68.1	72.3	76.5	79.0	81.8	82.5	84.0	85.4	85.5	86.0	86.4	86.4	86.5	86.5	86.6	86.6
GE 1200	69.2	73.6	78.0	80.7	83.8	84.5	86.2	87.6	87.8	88.3	88.8	88.8	88.9	88.9	89.0	89.0
GE 1000	69.7	74.3	78.9	81.7	85.1	86.0	87.8	89.5	89.8	90.6	91.1	91.2	91.5	91.5	91.5	91.5
GE 900	69.8	74.5	79.1	82.1	85.6	86.5	88.5	90.4	90.7	91.7	92.2	92.3	92.6	92.6	92.7	92.7
GE 800	69.9	74.6	79.3	82.4	86.0	87.0	89.0	91.2	91.6	92.8	93.5	93.6	93.9	94.0	94.1	94.1
GE 700	69.9	74.7	79.5	82.6	86.3	87.5	89.5	91.9	92.5	93.7	94.5	94.6	95.1	95.1	95.2	95.3
GE 600	69.9	74.7	79.5	82.6	86.5	87.6	89.8	92.5	93.3	94.6	95.6	95.7	96.2	96.3	96.4	96.5
GE 500	70.0	74.7	79.5	82.6	86.5	87.7	90.0	92.9	93.8	95.3	96.4	96.5	97.2	97.2	97.4	97.4
GE 400	70.0	74.7	79.5	82.6	86.5	87.8	90.1	93.2	94.3	95.9	97.2	97.4	98.1	98.2	98.3	98.4
GE 300	70.0	74.7	79.5	82.7	86.6	87.9	90.3	93.4	94.6	96.3	97.7	98.0	98.8	98.9	99.0	99.2
GE 200	70.0	74.7	79.5	82.7	86.6	87.9	90.4	93.6	94.8	96.6	98.2	98.5	99.4	99.4	99.7	99.8
GE 100	70.0	74.7	79.5	82.7	86.6	87.9	90.4	93.6	94.8	96.7	98.2	98.5	99.5	99.5	99.8	100.0
GE 000	70.0	74.7	79.5	82.7	86.6	87.9	90.4	93.6	94.8	96.7	98.2	98.5	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.2	37.9	39.7	40.4	40.8	40.8	41.4	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	42.0
GE 20000	39.6	40.5	42.3	43.0	43.4	43.5	44.1	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.7
GE 18000	40.1	41.0	42.8	43.5	43.9	44.0	44.6	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	45.2
GE 16000	40.1	41.0	42.8	43.5	43.9	44.0	44.6	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	45.2
GE 14000	40.3	41.3	43.0	43.7	44.1	44.2	44.8	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.4
GE 12000	40.7	41.6	43.5	44.2	44.6	44.7	45.3	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.9
GE 10000	42.3	43.4	45.6	46.3	46.7	46.8	47.4	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	48.0
GE 9000	43.0	44.2	46.5	47.2	47.5	47.6	48.2	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.5	48.8
GE 8000	46.5	47.6	50.1	50.8	51.4	51.7	52.2	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.8
GE 7000	48.3	49.5	52.0	52.8	53.5	53.9	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	55.1
GE 6000	48.6	49.9	52.4	53.2	53.9	54.3	54.8	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.4
GE 5000	49.6	50.9	53.5	54.4	55.1	55.4	56.0	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.7
GE 4500	50.2	51.8	54.4	55.4	56.3	56.6	57.2	57.6	57.6	57.6	57.6	57.6	57.8	57.8	57.8	58.2
GE 4000	52.2	53.9	57.0	58.0	59.2	59.6	60.3	60.8	60.8	60.8	60.8	60.8	61.0	61.0	61.0	61.3
GE 3500	54.6	56.7	59.9	61.2	62.5	62.9	63.6	64.1	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.7
GE 3000	58.5	61.0	64.8	66.3	67.8	68.2	69.0	69.6	69.6	69.6	69.6	69.6	69.9	69.9	69.9	70.2
GE 2500	60.9	64.2	68.4	70.6	72.1	72.5	73.4	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.6
GE 2000	63.0	66.7	71.3	73.8	75.9	76.2	78.3	78.8	78.8	78.8	78.8	78.8	79.1	79.1	79.1	79.4
GE 1800	63.5	67.1	72.0	74.6	76.7	77.1	79.1	79.7	79.7	79.7	79.7	79.7	79.9	79.9	79.9	80.3
GE 1500	65.1	69.0	74.2	76.8	80.0	80.5	82.9	83.7	83.8	83.8	83.9	83.9	84.2	84.2	84.2	84.5
GE 1200	65.8	69.7	75.1	78.0	81.6	82.0	84.6	85.5	85.7	85.7	85.8	85.8	86.1	86.1	86.1	86.4
GE 1000	66.2	70.1	75.4	78.5	82.6	83.2	85.9	87.2	87.5	87.5	87.6	87.6	87.8	87.8	87.8	88.2
GE 900	66.3	70.2	75.5	78.6	82.9	83.5	86.3	87.7	87.9	88.2	88.4	88.4	88.8	88.8	88.8	89.1
GE 800	66.5	70.6	75.9	79.1	83.5	84.0	86.9	88.3	88.7	88.9	89.1	89.1	89.5	89.5	89.5	89.8
GE 700	66.7	70.7	76.0	79.2	83.8	84.5	87.5	88.9	89.4	89.7	90.0	90.0	90.3	90.3	90.3	90.7
GE 600	66.9	70.9	76.2	79.4	84.0	84.8	87.9	89.7	90.2	90.7	90.9	90.9	91.4	91.4	91.4	91.7
GE 500	66.9	70.9	76.2	79.6	84.5	85.2	88.4	90.5	91.3	92.0	92.2	92.6	93.1	93.1	93.1	93.5
GE 400	66.9	70.9	76.2	79.9	85.0	86.1	89.2	91.6	92.4	93.1	93.4	93.9	94.6	94.6	94.6	94.9
GE 300	66.9	70.9	76.2	79.9	85.1	86.2	89.5	92.4	93.6	94.3	94.7	95.2	96.0	96.1	96.8	97.3
GE 200	66.9	70.9	76.2	79.9	85.1	86.2	89.5	92.6	93.9	95.0	95.6	96.1	97.2	97.4	98.2	98.8
GE 100	66.9	70.9	76.2	79.9	85.1	86.2	89.5	92.6	93.9	95.0	95.7	96.2	97.3	97.5	98.6	99.6
GE 000	66.9	70.9	76.2	79.9	85.1	86.2	89.5	92.6	93.9	95.0	95.7	96.2	97.3	97.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.6	35.5	36.6	37.6	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.8
GE 20000	37.5	38.5	39.8	41.0	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.3
GE 18000	37.7	38.8	40.1	41.3	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.6
GE 16000	37.7	38.8	40.1	41.3	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.6
GE 14000	37.9	39.0	40.3	41.5	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.6	42.6	42.6	42.8
GE 12000	38.3	39.5	40.8	42.0	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.3
GE 10000	40.5	41.7	43.1	44.4	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.7
GE 9000	41.0	42.3	43.7	45.0	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.3
GE 8000	42.9	44.3	46.2	47.5	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	49.2
GE 7000	44.0	45.4	47.3	48.6	49.5	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.5
GE 6000	44.8	46.5	48.3	49.9	50.8	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.8
GE 5000	46.1	47.8	49.9	51.4	52.4	52.8	53.0	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.7
GE 4500	46.6	48.2	50.5	52.0	53.4	53.9	54.0	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.8
GE 4000	49.4	51.1	53.4	55.4	58.0	58.5	58.7	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.7
GE 3500	52.5	54.3	56.7	58.9	61.7	62.2	62.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.8
GE 3000	56.0	57.9	60.8	63.0	66.2	66.7	67.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.3
GE 2500	58.3	60.6	64.5	66.9	70.4	71.0	71.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.8
GE 2000	61.2	64.9	69.4	71.9	76.0	76.8	77.9	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.4
GE 1800	61.6	65.2	69.9	72.6	76.8	77.7	78.7	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.3
GE 1500	63.5	67.1	72.0	74.9	79.7	80.7	81.9	83.5	83.5	83.7	83.8	83.8	84.0	84.0	84.0	84.3
GE 1200	64.1	68.0	72.9	76.0	81.2	82.3	83.8	85.6	85.6	85.8	85.9	85.9	86.2	86.2	86.2	86.4
GE 1000	64.5	68.6	73.8	77.3	83.1	84.2	85.8	87.7	87.7	87.9	88.1	88.1	88.3	88.3	88.3	88.5
GE 900	64.5	68.6	73.8	77.3	83.1	84.2	85.8	87.8	87.8	88.1	88.2	88.2	88.4	88.4	88.4	88.7
GE 800	64.7	68.9	74.2	77.8	83.6	84.6	86.3	88.5	88.5	88.9	89.0	89.0	89.2	89.2	89.2	89.5
GE 700	64.8	69.0	74.5	78.1	83.9	85.0	86.6	89.2	89.2	89.7	89.8	89.8	90.1	90.1	90.1	90.3
GE 600	64.8	69.1	74.6	78.3	84.0	85.1	87.1	89.7	90.0	90.5	90.8	90.8	91.0	91.0	91.0	91.3
GE 500	64.8	69.1	74.6	78.3	84.4	85.5	87.7	90.5	90.8	92.0	92.4	92.4	92.8	92.8	92.8	93.0
GE 400	64.8	69.1	74.9	78.6	84.8	85.9	88.4	91.4	91.6	93.3	93.7	93.7	94.2	94.2	94.2	94.4
GE 300	64.8	69.1	74.9	78.6	84.9	86.1	88.8	92.7	92.9	94.8	95.6	95.6	96.1	96.1	96.5	96.7
GE 200	64.8	69.1	74.9	78.6	84.9	86.1	88.8	92.8	93.3	95.3	96.7	97.0	97.8	98.1	98.5	98.7
GE 100	64.8	69.1	74.9	78.6	84.9	86.1	88.8	92.9	93.5	95.9	97.3	97.6	98.3	98.7	99.2	99.5
GE 000	64.8	69.1	74.9	78.6	84.9	86.1	88.8	92.9	93.5	95.9	97.3	97.6	98.3	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.0	32.9	34.0	34.6	35.6	35.6	35.7	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.4
GE 20000	33.8	34.9	36.3	37.0	38.2	38.2	38.3	38.5	38.5	38.7	38.8	38.8	38.8	38.8	38.8	39.1
GE 18000	33.8	34.9	36.3	37.0	38.2	38.2	38.3	38.5	38.5	38.7	38.8	38.8	38.8	38.8	38.8	39.1
GE 16000	33.9	35.0	36.4	37.1	38.3	38.3	38.4	38.7	38.7	38.8	38.9	38.9	38.9	38.9	38.9	39.2
GE 14000	34.5	35.6	37.0	37.7	38.9	38.9	39.0	39.2	39.2	39.4	39.5	39.5	39.5	39.5	39.5	39.8
GE 12000	35.1	36.2	37.6	38.3	39.5	39.5	39.6	39.8	39.8	40.0	40.1	40.1	40.1	40.1	40.1	40.4
GE 10000	37.5	38.7	40.2	41.0	42.2	42.2	42.3	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.8	43.1
GE 9000	38.2	39.5	41.0	41.8	43.0	43.0	43.1	43.4	43.4	43.5	43.6	43.6	43.6	43.6	43.6	44.0
GE 8000	40.9	42.9	44.8	45.6	46.8	46.8	46.9	47.2	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.8
GE 7000	41.8	44.1	46.0	46.8	48.1	48.1	48.3	48.6	48.7	48.8	48.9	48.9	48.9	48.9	48.9	49.3
GE 6000	42.7	44.9	46.8	47.9	49.2	49.2	49.4	49.6	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.4
GE 5000	44.1	46.3	48.5	49.5	50.8	50.8	51.1	51.4	51.5	51.7	51.8	51.8	51.8	51.8	51.8	52.1
GE 4500	44.9	47.3	49.5	50.6	51.9	51.9	52.1	52.5	52.6	52.7	52.8	52.8	52.8	52.8	52.8	53.2
GE 4000	47.5	50.0	52.4	53.8	56.4	56.4	56.9	57.4	57.6	57.9	58.0	58.0	58.2	58.2	58.2	58.5
GE 3500	49.6	52.2	54.6	56.0	59.0	59.0	59.6	60.2	60.3	60.6	60.8	60.8	61.0	61.0	61.0	61.3
GE 3000	53.0	55.8	58.5	59.9	63.2	63.2	63.8	64.4	64.5	65.0	65.1	65.1	65.4	65.4	65.4	65.7
GE 2500	55.9	58.9	62.1	64.1	67.8	68.1	68.7	69.6	69.7	70.2	70.3	70.3	70.6	70.6	70.6	70.9
GE 2000	58.9	62.5	66.3	68.3	72.8	73.0	74.2	75.5	75.7	76.2	76.4	76.4	76.6	76.6	76.6	77.0
GE 1800	59.5	63.1	66.9	68.9	73.4	73.6	74.9	76.2	76.4	77.0	77.1	77.1	77.3	77.3	77.3	77.7
GE 1500	60.9	64.8	69.0	71.4	76.0	76.2	77.8	79.6	79.8	80.6	80.7	80.7	81.2	81.2	81.2	81.6
GE 1200	61.3	65.4	69.7	72.2	77.2	77.5	79.2	81.9	82.5	83.3	83.5	83.7	84.2	84.3	84.3	84.6
GE 1000	61.8	66.0	70.4	73.4	78.7	79.2	81.0	83.8	84.4	85.2	85.3	85.6	86.1	86.2	86.2	86.5
GE 900	61.8	66.0	70.4	73.5	78.8	79.3	81.1	84.2	84.8	85.8	85.9	86.2	86.6	86.8	86.8	87.1
GE 800	62.1	66.5	71.3	74.5	79.9	80.4	82.4	85.6	86.2	87.4	87.5	87.7	88.2	88.3	88.3	88.7
GE 700	62.1	66.5	71.4	74.7	80.1	80.6	82.6	86.4	87.2	88.4	88.7	88.9	89.4	89.5	89.5	89.8
GE 600	62.1	66.5	71.4	74.8	80.5	81.0	83.1	86.9	87.9	89.2	89.5	89.7	90.2	90.3	90.3	90.7
GE 500	62.2	67.0	71.9	75.4	81.6	82.0	84.2	88.4	89.7	91.4	91.6	91.8	92.3	92.4	92.4	92.9
GE 400	62.2	67.0	71.9	75.5	81.8	82.4	84.8	89.8	91.3	93.0	93.3	93.5	94.0	94.1	94.1	94.6
GE 300	62.2	67.0	71.9	75.5	81.9	82.6	85.5	91.1	92.9	95.7	96.3	96.7	97.2	97.4	98.1	98.6
GE 200	62.2	67.0	71.9	75.5	81.9	82.6	85.5	91.3	93.0	96.0	96.8	97.3	98.0	98.2	99.2	99.6
GE 100	62.2	67.0	71.9	75.5	81.9	82.6	85.5	91.3	93.0	96.1	97.0	97.5	98.2	98.5	99.4	100.0
GE 000	62.2	67.0	71.9	75.5	81.9	82.6	85.5	91.3	93.0	96.1	97.0	97.5	98.2	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: Wurtsmith AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.3	33.0	33.7	34.5	35.2	35.2	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 20000	36.3	37.4	38.2	39.0	39.8	39.8	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4
GE 18000	37.2	38.3	39.1	40.0	41.0	41.0	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.6
GE 16000	37.4	38.4	39.2	40.1	41.1	41.1	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.7
GE 14000	37.9	39.0	39.8	40.7	41.7	41.7	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.3
GE 12000	38.3	39.4	40.2	41.0	42.1	42.1	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7
GE 10000	41.1	42.2	43.3	44.1	45.2	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7
GE 9000	41.6	42.8	43.9	44.7	45.7	45.7	45.9	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6
GE 8000	44.2	45.7	47.0	48.0	49.2	49.2	49.4	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0
GE 7000	45.6	47.2	48.6	49.6	50.9	50.9	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8
GE 6000	45.9	47.4	49.2	50.2	51.5	51.5	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5
GE 5000	46.6	48.3	50.7	51.8	53.2	53.2	53.5	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1
GE 4500	47.2	49.1	51.8	52.8	54.3	54.3	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2
GE 4000	48.3	50.4	53.3	55.0	57.0	57.0	57.3	57.9	57.9	58.0	58.2	58.3	58.3	58.3	58.3	58.4
GE 3500	49.5	51.9	55.2	57.2	59.3	59.5	59.8	60.5	60.5	60.6	60.8	60.9	60.9	60.9	60.9	61.0
GE 3000	51.3	54.0	57.7	59.8	62.3	62.5	62.9	63.7	63.7	63.8	64.1	64.2	64.2	64.2	64.2	64.3
GE 2500	52.6	55.6	59.7	62.4	65.2	65.7	66.2	68.2	68.3	68.7	68.9	69.0	69.0	69.0	69.0	69.1
GE 2000	55.1	58.5	63.0	66.1	69.9	70.3	71.2	74.7	75.2	75.7	76.0	76.1	76.1	76.1	76.1	76.2
GE 1800	55.8	59.3	63.9	67.0	70.8	71.2	72.2	75.9	76.4	76.8	77.2	77.3	77.3	77.3	77.3	77.4
GE 1500	57.4	61.6	66.9	70.1	74.3	74.8	76.0	80.1	80.7	81.6	82.0	82.3	82.3	82.3	82.3	82.4
GE 1200	57.6	62.1	67.6	71.0	75.7	76.1	77.5	82.0	82.7	83.8	84.3	84.6	84.6	84.6	84.6	84.8
GE 1000	57.8	62.9	69.0	72.6	77.2	77.8	79.2	83.8	84.9	85.9	86.9	87.2	87.2	87.2	87.4	87.6
GE 900	57.9	63.0	69.4	72.9	77.8	78.5	79.9	84.6	85.7	86.8	87.7	88.1	88.1	88.1	88.2	88.4
GE 800	58.5	63.6	70.1	73.9	78.8	79.7	81.2	85.9	87.0	88.1	89.4	89.8	90.1	90.1	90.2	90.4
GE 700	58.5	63.6	70.1	73.9	79.1	79.9	81.6	86.4	87.5	88.5	89.8	90.3	90.5	90.5	90.7	90.9
GE 600	58.5	63.6	70.1	73.9	79.2	80.0	81.9	87.0	88.3	89.7	91.0	91.0	92.3	92.3	92.4	92.8
GE 500	58.5	63.6	70.1	74.0	79.3	80.1	82.2	87.4	88.7	90.2	91.5	92.2	93.3	93.3	93.4	93.9
GE 400	58.5	63.6	70.1	74.0	79.4	80.5	82.7	87.9	89.4	91.5	93.4	94.6	95.7	95.9	96.0	96.8
GE 300	58.5	63.6	70.1	74.0	79.4	80.5	82.7	88.2	89.6	92.3	95.0	96.5	97.6	98.0	98.1	98.9
GE 200	58.5	63.6	70.1	74.0	79.4	80.5	82.7	88.2	89.6	92.3	95.0	96.5	97.6	98.0	98.3	99.4
GE 100	58.5	63.6	70.1	74.0	79.4	80.5	82.7	88.2	89.6	92.3	95.0	96.5	97.6	98.0	98.3	100.0
GE 000	58.5	63.6	70.1	74.0	79.4	80.5	82.7	88.2	89.6	92.3	95.0	96.5	97.6	98.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 845

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.6	32.4	33.0	33.1	33.2	33.2	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 20000	36.6	37.7	38.9	39.0	39.1	39.1	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 18000	37.4	38.4	39.7	39.8	40.1	40.1	40.3	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 16000	37.4	38.4	39.7	39.8	40.1	40.1	40.3	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 14000	37.5	38.5	39.8	40.0	40.2	40.2	40.4	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 12000	38.8	39.8	41.1	41.3	41.5	41.5	41.7	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 10000	40.9	42.2	43.5	43.6	43.9	43.9	44.1	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 9000	41.4	42.9	44.3	44.4	45.0	45.0	45.3	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 8000	43.6	46.0	47.4	47.5	48.1	48.1	48.3	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 7000	44.8	47.5	48.9	49.1	49.6	49.6	49.9	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 6000	45.4	48.1	49.5	49.6	50.2	50.2	50.5	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 5000	45.9	48.6	50.7	50.8	51.4	51.4	51.7	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 4500	46.1	48.8	50.9	51.1	51.7	51.7	51.9	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 4000	48.0	50.8	53.2	53.3	54.3	54.3	54.5	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 3500	50.5	53.7	56.3	56.4	57.3	57.3	57.7	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 3000	55.9	59.5	62.6	63.1	65.1	65.1	65.5	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 2500	58.7	62.9	66.3	66.9	69.4	69.5	70.0	70.6	70.6	70.9	70.9	70.9	71.0	71.0	71.0	71.0
GE 2000	61.2	65.7	69.3	70.3	73.5	73.9	74.9	76.0	76.1	76.6	76.6	76.6	77.0	77.1	77.1	77.1
GE 1800	61.8	66.3	70.0	71.0	74.2	74.6	75.7	77.0	77.1	77.7	77.7	77.7	78.0	78.1	78.1	78.1
GE 1500	62.8	68.0	72.2	73.5	77.1	78.1	79.7	81.4	81.6	82.4	82.4	82.4	82.7	82.9	82.9	82.9
GE 1200	63.2	68.6	73.0	74.9	78.5	79.7	81.3	83.3	83.5	84.4	84.5	84.5	84.9	85.0	85.0	85.0
GE 1000	63.8	69.1	74.0	75.9	79.6	81.0	82.7	85.0	85.1	86.3	86.4	86.4	86.8	86.9	87.0	87.1
GE 900	64.2	69.7	74.7	76.7	80.4	81.8	83.6	86.2	86.3	87.5	87.6	87.6	88.1	88.2	88.3	88.4
GE 800	64.3	69.9	74.9	77.1	80.9	82.5	84.4	87.2	87.5	88.7	88.9	88.9	89.5	89.7	89.8	90.0
GE 700	64.7	70.2	75.3	77.5	81.3	83.0	84.9	87.8	88.1	89.2	89.5	89.5	90.1	90.4	90.5	90.7
GE 600	64.7	70.2	75.3	77.5	81.4	83.2	85.5	88.5	88.8	90.2	91.3	91.6	92.2	92.6	92.7	92.8
GE 500	64.7	70.2	75.3	77.8	81.8	83.6	86.1	89.7	90.1	91.6	92.9	93.6	94.6	94.9	95.4	95.5
GE 400	64.7	70.2	75.3	77.8	81.8	83.6	86.2	90.3	90.8	93.0	94.7	95.5	96.6	97.0	97.5	97.9
GE 300	64.7	70.2	75.3	77.8	81.8	83.6	86.2	90.3	90.8	93.4	95.2	96.1	97.2	97.6	98.1	98.5
GE 200	64.7	70.2	75.3	77.8	81.8	83.6	86.2	90.3	90.8	93.4	95.2	96.3	97.4	98.0	98.6	99.2
GE 100	64.7	70.2	75.3	77.8	81.8	83.6	86.2	90.3	90.8	93.4	95.2	96.3	97.4	98.0	98.6	99.9
GE 000	64.7	70.2	75.3	77.8	81.8	83.6	86.2	90.3	90.8	93.4	95.2	96.3	97.4	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.0	37.1	37.5	37.7	37.8	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3
GE 20000	39.5	41.7	42.3	42.6	42.8	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.3	43.3
GE 18000	40.2	42.4	43.0	43.3	43.5	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0
GE 16000	40.2	42.4	43.0	43.3	43.5	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0
GE 14000	41.4	43.7	44.3	44.6	44.8	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3
GE 12000	42.8	45.2	46.0	46.2	46.5	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9
GE 10000	45.4	47.8	48.8	49.2	49.4	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9
GE 9000	45.5	48.0	49.2	49.5	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.4	50.4
GE 8000	48.0	50.7	52.5	53.0	53.5	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
GE 7000	48.7	51.4	53.2	53.8	54.6	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1
GE 6000	49.1	51.8	53.5	54.1	55.0	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4
GE 5000	49.4	52.4	54.1	54.7	55.6	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0
GE 4500	49.5	52.5	54.3	54.8	55.7	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.3	56.3
GE 4000	51.8	54.7	56.6	57.2	58.0	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.7	58.7
GE 3500	54.3	57.6	59.7	60.5	61.6	61.9	61.9	62.3	62.3	62.5	62.6	62.6	62.6	62.6	62.8	62.8
GE 3000	57.9	61.6	63.8	65.1	66.5	66.9	66.9	67.3	67.3	67.7	67.8	67.8	67.8	67.8	68.0	68.0
GE 2500	61.3	65.6	68.7	70.2	71.9	72.6	72.6	72.9	72.9	73.6	73.8	73.8	73.8	73.8	73.9	73.9
GE 2000	63.6	68.8	72.5	74.5	76.4	77.2	77.3	78.3	78.3	79.1	79.2	79.2	79.3	79.3	79.4	79.4
GE 1800	64.1	69.5	73.2	75.2	77.3	78.1	78.3	79.6	79.6	80.4	80.5	80.5	80.6	80.6	80.7	80.7
GE 1500	64.8	70.4	74.5	76.7	79.2	80.3	80.6	82.4	82.5	83.6	84.0	84.2	84.3	84.3	84.4	84.4
GE 1200	65.5	71.3	75.5	78.1	81.0	82.0	82.5	84.9	85.0	86.1	86.5	86.6	86.8	86.8	86.9	86.9
GE 1000	66.2	72.0	76.4	79.4	82.3	83.3	84.0	86.6	86.8	87.9	88.4	88.5	88.7	88.7	88.8	88.8
GE 900	66.3	72.1	76.6	79.7	82.5	83.6	84.3	87.6	87.8	89.0	89.5	89.7	89.8	89.8	90.0	90.0
GE 800	66.3	72.1	76.7	80.0	83.1	84.2	85.0	88.9	89.4	90.8	91.4	91.7	91.8	91.8	92.0	92.0
GE 700	66.3	72.1	76.7	80.3	83.5	84.8	85.6	89.6	90.2	91.8	92.4	93.0	93.4	93.4	93.5	93.6
GE 600	66.3	72.1	76.7	80.3	83.5	84.8	85.7	90.0	90.5	92.2	92.9	93.6	94.1	94.1	94.2	94.3
GE 500	66.3	72.1	76.7	80.3	83.5	84.9	85.8	90.1	90.8	92.4	93.5	94.3	95.0	95.0	95.4	95.5
GE 400	66.3	72.1	76.7	80.3	83.6	85.0	86.2	90.7	91.4	93.3	94.4	95.4	96.2	96.2	96.6	96.7
GE 300	66.3	72.1	76.7	80.3	83.6	85.0	86.3	91.1	92.0	94.0	95.5	96.6	98.3	98.3	98.7	98.8
GE 200	66.3	72.1	76.7	80.3	83.6	85.0	86.3	91.1	92.0	94.1	95.7	96.8	99.2	99.2	99.6	99.8
GE 100	66.3	72.1	76.7	80.3	83.6	85.0	86.3	91.1	92.0	94.1	95.7	96.8	99.2	99.2	99.6	99.9
GE 000	66.3	72.1	76.7	80.3	83.6	85.0	86.3	91.1	92.0	94.1	95.7	96.8	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.7	40.4	40.8	41.0	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 20000	41.8	44.0	44.3	44.6	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 18000	42.2	44.3	44.7	44.9	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 16000	42.2	44.3	44.7	44.9	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 14000	43.1	45.3	45.9	46.1	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 12000	43.7	45.9	46.5	46.7	47.4	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 10000	47.8	50.2	50.8	51.3	52.0	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 9000	48.3	50.8	51.4	51.9	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 8000	51.2	53.7	54.4	54.8	55.7	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 7000	52.1	54.6	55.4	56.1	57.4	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 6000	53.0	55.4	56.3	57.0	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 5000	53.9	56.5	57.4	58.4	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 4500	54.1	57.0	57.9	58.9	60.3	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 4000	57.0	59.9	61.0	61.9	63.4	63.5	63.6	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 3500	59.0	62.5	63.7	64.7	66.2	66.3	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 3000	61.5	65.2	66.7	67.6	69.5	69.6	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 2500	63.4	67.4	69.9	71.0	73.0	73.6	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 2000	64.8	69.1	72.0	73.3	76.2	77.0	78.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1800	65.4	70.0	72.8	74.2	77.3	78.1	79.3	80.5	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1500	65.7	70.7	73.6	75.4	78.8	79.9	81.8	83.5	83.8	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	66.2	71.2	74.5	76.2	79.9	81.1	83.1	85.2	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 1000	66.3	71.3	74.6	76.5	80.5	81.7	83.9	86.4	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4
GE 900	66.7	71.6	75.1	77.0	81.1	82.3	84.8	87.2	87.7	88.2	88.4	88.5	88.5	88.5	88.5	88.5
GE 800	66.7	71.6	75.3	77.2	81.3	82.5	85.7	88.5	89.0	89.6	90.2	90.4	90.4	90.4	90.4	90.4
GE 700	66.7	71.6	75.3	77.2	81.8	83.0	86.3	89.6	90.4	91.3	91.8	92.1	92.2	92.2	92.2	92.2
GE 600	66.7	71.6	75.3	77.3	81.9	83.1	86.6	90.0	90.8	91.7	92.3	92.6	92.7	92.7	92.7	92.7
GE 500	66.7	71.6	75.3	77.3	81.9	83.2	87.0	90.8	91.6	92.6	93.3	93.6	93.7	93.7	93.7	93.7
GE 400	66.7	71.6	75.3	77.3	82.0	83.3	87.6	92.4	93.6	95.0	95.7	96.2	96.3	96.3	96.3	96.3
GE 300	66.7	71.6	75.3	77.3	82.2	83.5	87.7	92.7	94.3	95.7	97.2	97.9	98.2	98.2	98.2	98.2
GE 200	66.8	71.7	75.4	77.4	82.3	83.6	87.8	92.8	94.4	95.9	97.3	98.0	98.6	98.6	98.9	99.2
GE 100	66.8	71.7	75.4	77.4	82.3	83.6	87.8	92.8	94.4	96.0	97.4	98.1	98.7	98.8	99.4	99.6
GE 000	66.8	71.7	75.4	77.4	82.3	83.6	87.8	92.8	94.4	96.0	97.4	98.1	98.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.2	41.0	42.1	42.6	42.8	43.0	43.4	43.5	43.5	43.5	43.6	43.6	44.0	44.0	44.0	44.0
GE 20000	42.7	43.6	44.7	45.2	45.4	45.6	46.0	46.1	46.1	46.1	46.2	46.2	46.6	46.6	46.6	46.6
GE 18000	43.1	44.1	45.2	45.6	45.9	46.1	46.5	46.6	46.6	46.6	46.7	46.7	47.0	47.0	47.0	47.0
GE 16000	43.1	44.1	45.2	45.6	45.9	46.1	46.5	46.6	46.6	46.6	46.7	46.7	47.0	47.0	47.0	47.0
GE 14000	43.4	44.3	45.4	45.9	46.1	46.3	46.7	46.8	46.8	46.8	46.9	46.9	47.3	47.3	47.3	47.3
GE 12000	43.7	44.7	45.9	46.3	46.6	46.8	47.2	47.3	47.3	47.3	47.4	47.4	47.8	47.8	47.8	47.8
GE 10000	46.9	48.0	49.3	49.8	50.1	50.4	50.7	50.8	50.8	50.8	50.9	50.9	51.3	51.3	51.3	51.3
GE 9000	47.6	48.7	50.0	50.5	50.9	51.2	51.5	51.7	51.7	51.7	51.8	51.8	52.1	52.1	52.1	52.1
GE 8000	50.6	51.8	53.1	53.7	54.1	54.4	54.7	54.8	54.8	54.8	55.0	55.0	55.3	55.3	55.3	55.3
GE 7000	51.7	52.8	54.1	55.1	55.7	55.9	56.4	56.5	56.5	56.5	56.6	56.6	57.0	57.0	57.0	57.0
GE 6000	52.2	53.4	54.7	55.7	56.3	56.5	57.0	57.1	57.1	57.1	57.2	57.2	57.6	57.6	57.6	57.6
GE 5000	53.4	55.0	56.3	57.2	58.0	58.3	58.7	58.9	58.9	58.9	59.0	59.0	59.3	59.3	59.3	59.3
GE 4500	54.7	56.5	57.8	58.7	59.6	59.8	60.4	60.8	60.8	60.8	60.9	60.9	61.2	61.2	61.2	61.2
GE 4000	57.2	59.5	61.5	62.4	63.5	63.7	64.7	65.0	65.0	65.0	65.1	65.1	65.5	65.5	65.5	65.5
GE 3500	59.0	61.8	63.9	65.0	66.3	66.5	67.5	67.8	67.8	67.8	68.0	68.0	68.3	68.3	68.3	68.3
GE 3000	62.1	65.0	67.1	68.3	69.7	70.0	70.9	71.3	71.3	71.3	71.4	71.4	71.7	71.7	71.7	71.7
GE 2500	63.8	66.9	69.5	70.7	72.5	73.2	74.2	74.6	74.6	74.6	74.7	74.7	75.1	75.1	75.1	75.1
GE 2000	65.7	69.1	72.1	73.4	76.0	76.7	77.9	78.7	78.7	78.7	78.8	78.8	79.2	79.2	79.2	79.2
GE 1800	66.0	69.4	72.3	73.6	76.8	77.7	79.0	80.0	80.1	80.1	80.3	80.3	80.6	80.6	80.6	80.6
GE 1500	66.9	70.3	73.3	74.9	79.6	80.9	82.5	83.8	83.9	83.9	84.0	84.0	84.4	84.4	84.4	84.4
GE 1200	67.6	71.0	74.2	76.0	80.9	82.3	84.0	85.3	85.5	85.5	85.7	85.7	86.1	86.1	86.1	86.1
GE 1000	67.7	71.2	74.6	76.4	81.7	83.2	85.0	86.4	86.5	86.5	86.9	86.9	87.2	87.2	87.2	87.2
GE 900	67.7	71.2	74.6	76.4	81.9	83.5	85.5	87.7	87.8	87.9	88.3	88.3	88.7	88.7	88.7	88.7
GE 800	67.7	71.3	74.7	76.5	82.2	83.8	86.1	88.4	88.5	88.7	89.0	89.0	89.4	89.4	89.4	89.4
GE 700	67.7	71.3	75.1	77.0	82.7	84.4	86.9	89.5	89.8	90.0	90.4	90.5	90.9	90.9	90.9	90.9
GE 600	67.8	71.4	75.2	77.1	83.0	84.6	87.7	90.5	90.9	91.1	91.6	91.7	92.1	92.1	92.1	92.1
GE 500	67.8	71.4	75.2	77.1	83.1	84.8	88.2	91.5	91.8	92.4	93.1	93.5	93.9	93.9	93.9	93.9
GE 400	67.8	71.4	75.2	77.2	83.2	85.1	89.4	93.1	94.0	94.8	95.5	95.9	96.2	96.2	96.2	96.5
GE 300	67.8	71.4	75.2	77.2	83.2	85.1	89.6	93.7	94.9	96.0	97.2	97.5	98.3	98.3	98.3	98.6
GE 200	67.8	71.4	75.2	77.2	83.2	85.1	89.6	93.9	95.0	96.1	97.4	97.9	98.9	98.9	98.9	99.8
GE 100	67.8	71.4	75.2	77.2	83.2	85.1	89.6	93.9	95.0	96.1	97.4	97.9	98.9	98.9	98.9	99.9
GE 000	67.8	71.4	75.2	77.2	83.2	85.1	89.6	93.9	95.0	96.1	97.4	97.9	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.2	36.3	37.2	37.7	38.2	38.3	38.4	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.8
GE 20000	38.5	39.8	40.9	41.4	42.0	42.1	42.2	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.7
GE 18000	39.0	40.3	41.4	41.9	42.5	42.6	42.8	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.2
GE 16000	39.0	40.3	41.4	41.9	42.6	42.6	42.8	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.3
GE 14000	39.5	40.8	41.9	42.5	43.1	43.2	43.4	43.5	43.5	43.6	43.6	43.6	43.7	43.7	43.7	43.8
GE 12000	40.2	41.5	42.7	43.2	43.9	43.9	44.1	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.6
GE 10000	42.8	44.3	45.6	46.2	46.8	46.9	47.1	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.6
GE 9000	43.3	44.9	46.2	46.9	47.6	47.7	47.9	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.3
GE 8000	46.0	47.8	49.4	50.1	50.9	51.0	51.3	51.4	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.7
GE 7000	47.1	49.1	50.7	51.5	52.4	52.6	52.9	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.3
GE 6000	47.7	49.7	51.3	52.2	53.1	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.1
GE 5000	48.6	50.7	52.6	53.5	54.5	54.7	55.0	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.5
GE 4500	49.2	51.4	53.4	54.3	55.4	55.6	55.9	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.5
GE 4000	51.4	53.8	56.0	57.1	58.7	58.9	59.3	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.2
GE 3500	53.6	56.3	58.8	60.0	61.7	62.0	62.4	63.0	63.0	63.1	63.2	63.2	63.3	63.3	63.3	63.4
GE 3000	57.0	60.0	62.8	64.2	66.3	66.5	67.0	67.6	67.6	67.8	67.9	67.9	68.0	68.0	68.0	68.1
GE 2500	59.4	62.8	66.1	67.8	70.3	70.8	71.4	72.2	72.2	72.4	72.5	72.5	72.7	72.7	72.7	72.8
GE 2000	61.7	65.7	69.5	71.4	74.6	75.1	76.2	77.5	77.6	77.9	78.0	78.0	78.2	78.2	78.2	78.3
GE 1800	62.2	66.3	70.1	72.1	75.4	76.0	77.1	78.6	78.7	79.0	79.1	79.2	79.3	79.3	79.4	79.5
GE 1500	63.4	67.7	72.0	74.2	78.1	78.9	80.4	82.2	82.4	83.0	83.2	83.2	83.4	83.5	83.5	83.6
GE 1200	63.9	68.4	72.8	75.3	79.5	80.4	82.0	84.2	84.5	85.1	85.3	85.4	85.6	85.6	85.7	85.8
GE 1000	64.3	68.9	73.5	76.2	80.7	81.7	83.5	85.9	86.2	86.8	87.1	87.2	87.4	87.5	87.5	87.7
GE 900	64.4	69.0	73.8	76.5	81.1	82.1	83.9	86.6	87.0	87.7	88.0	88.1	88.4	88.4	88.4	88.6
GE 800	64.6	69.3	74.1	77.0	81.6	82.7	84.7	87.7	88.1	88.9	89.3	89.5	89.8	89.8	89.8	90.0
GE 700	64.7	69.4	74.3	77.2	82.0	83.1	85.2	88.4	89.0	89.8	90.3	90.5	90.9	90.9	91.0	91.1
GE 600	64.7	69.4	74.3	77.3	82.2	83.3	85.7	89.0	89.7	90.7	91.3	91.6	92.0	92.1	92.1	92.3
GE 500	64.7	69.5	74.4	77.5	82.5	83.7	86.2	89.9	90.6	91.8	92.6	93.0	93.6	93.6	93.8	94.0
GE 400	64.7	69.5	74.5	77.6	82.7	84.0	86.8	90.9	91.8	93.4	94.3	94.8	95.5	95.6	95.7	96.0
GE 300	64.7	69.5	74.5	77.6	82.8	84.1	87.0	91.5	92.6	94.5	95.8	96.5	97.4	97.5	97.9	98.2
GE 200	64.7	69.5	74.5	77.6	82.8	84.1	87.0	91.6	92.7	94.8	96.2	97.0	98.1	98.3	98.8	99.3
GE 100	64.7	69.5	74.5	77.6	82.8	84.1	87.0	91.6	92.8	94.9	96.4	97.1	98.2	98.4	99.0	99.8
GE 000	64.7	69.5	74.5	77.6	82.8	84.1	87.0	91.6	92.8	94.9	96.4	97.1	98.2	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.7	47.6	48.9	49.0	49.1	49.2	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 20000	48.3	49.6	50.8	51.2	51.3	51.5	51.8	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 18000	48.4	49.7	50.9	51.3	51.4	51.6	51.9	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 16000	48.5	49.8	51.0	51.4	51.5	51.7	52.0	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 14000	48.5	49.8	51.0	51.5	51.6	51.8	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 12000	48.7	50.0	51.2	51.7	51.8	52.0	52.4	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 10000	50.5	51.8	53.0	53.7	53.8	54.0	54.3	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 9000	51.6	52.9	54.1	54.7	54.8	55.1	55.4	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 8000	53.1	54.7	55.9	56.9	57.1	57.3	57.6	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 7000	54.3	56.0	57.2	58.2	58.5	58.7	59.0	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 6000	54.9	56.7	57.8	58.8	59.1	59.4	59.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 5000	56.5	58.7	60.0	61.1	61.4	61.6	61.9	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 4500	57.7	60.1	61.5	62.6	63.1	63.3	63.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4000	62.3	65.1	67.0	68.1	68.6	69.0	69.5	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3500	63.1	66.0	68.1	69.2	69.8	70.2	70.6	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3000	66.3	69.6	71.6	73.1	74.0	74.4	75.1	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2500	69.4	73.2	75.7	77.7	78.8	79.2	79.9	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2000	69.9	74.0	76.7	78.8	80.2	80.6	81.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1800	70.2	74.3	77.3	79.6	81.0	81.4	82.2	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1500	71.3	75.5	78.6	81.0	82.7	83.3	84.2	85.5	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	71.8	76.2	79.5	81.8	84.1	84.7	85.6	87.0	87.2	87.7	88.0	88.0	88.1	88.1	88.1	88.1
GE 1000	72.0	76.7	80.0	82.6	84.9	85.6	86.7	88.2	88.4	89.0	89.4	89.4	89.5	89.5	89.5	89.5
GE 900	72.4	77.1	80.4	83.1	85.5	86.1	87.2	88.8	89.0	89.7	90.2	90.2	90.3	90.3	90.3	90.3
GE 800	72.4	77.1	80.5	83.4	86.0	86.7	87.7	89.6	90.0	90.9	91.6	91.6	91.7	91.7	91.7	91.7
GE 700	72.4	77.1	80.6	83.7	86.3	87.2	88.3	90.1	90.5	91.4	92.2	92.2	92.3	92.3	92.3	92.3
GE 600	72.4	77.1	81.0	84.0	86.8	87.7	89.0	90.9	91.3	92.4	93.1	93.1	93.2	93.2	93.2	93.2
GE 500	72.4	77.1	81.0	84.1	87.0	88.0	89.6	92.0	92.5	93.5	94.6	94.6	94.7	94.7	94.7	94.7
GE 400	72.4	77.1	81.0	84.2	87.1	88.1	90.2	93.2	93.9	95.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 300	72.4	77.1	81.0	84.2	87.1	88.1	90.5	94.0	94.7	96.2	97.6	97.6	97.7	97.7	97.7	97.7
GE 200	72.4	77.1	81.0	84.2	87.1	88.1	90.5	94.0	94.9	96.8	98.4	98.5	98.9	98.9	98.9	98.9
GE 100	72.4	77.1	81.0	84.2	87.1	88.1	90.5	94.1	95.1	96.9	98.5	98.6	99.1	99.1	99.2	99.4
GE 000	72.4	77.1	81.0	84.2	87.1	88.1	90.5	94.1	95.1	96.9	98.5	98.6	99.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.4	45.4	46.3	47.0	47.5	47.6	47.8	48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.4
GE 20000	46.0	47.4	48.5	49.1	49.7	49.8	50.2	50.4	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.9
GE 18000	46.0	47.4	48.5	49.1	49.7	49.8	50.2	50.4	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.9
GE 16000	46.0	47.4	48.6	49.4	49.9	50.0	50.4	50.6	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.1
GE 14000	46.2	47.6	48.8	49.6	50.1	50.2	50.6	50.9	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.3
GE 12000	46.3	47.7	48.9	49.8	50.3	50.4	50.9	51.1	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.5
GE 10000	47.0	48.7	50.0	50.9	51.4	51.5	51.9	52.2	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.6
GE 9000	47.5	49.2	50.5	51.4	51.9	52.0	52.5	52.7	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.1
GE 8000	49.9	52.4	53.9	54.8	55.5	55.6	56.0	56.2	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.7
GE 7000	51.0	53.5	55.1	56.1	56.9	57.0	57.4	57.7	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.2
GE 6000	51.5	54.1	55.7	56.8	57.5	57.6	58.1	58.4	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.8
GE 5000	52.7	55.5	57.3	58.4	59.2	59.4	59.8	60.1	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.5
GE 4500	54.4	57.2	59.0	60.1	61.2	61.3	61.7	62.0	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.5
GE 4000	58.5	61.6	63.4	64.6	66.0	66.5	67.3	67.8	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.4
GE 3500	59.4	62.6	64.5	65.7	67.1	67.5	68.4	68.9	69.0	69.1	69.4	69.4	69.4	69.4	69.4	69.5
GE 3000	62.0	65.6	67.7	69.1	71.1	71.5	72.4	72.9	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.5
GE 2500	64.6	68.5	71.1	72.9	74.8	75.3	76.2	77.0	77.1	77.4	77.7	77.7	77.7	77.7	77.7	77.8
GE 2000	66.3	70.4	73.2	75.2	77.3	77.7	78.9	79.8	79.9	80.2	80.5	80.5	80.5	80.5	80.5	80.6
GE 1800	66.9	71.2	74.4	76.6	78.7	79.1	80.3	81.2	81.3	81.6	81.9	81.9	81.9	81.9	81.9	82.0
GE 1500	68.1	72.5	75.9	78.2	80.6	81.6	82.9	84.0	84.1	84.4	84.7	84.7	84.7	84.7	84.7	84.8
GE 1200	68.5	72.9	76.3	78.9	81.6	82.6	84.0	85.4	85.5	85.8	86.1	86.1	86.5	86.5	86.5	86.6
GE 1000	69.2	73.8	77.3	79.9	82.7	83.9	85.4	87.4	87.5	88.2	88.5	88.5	88.8	88.8	88.8	88.9
GE 900	69.2	74.1	77.6	80.2	83.0	84.2	85.7	87.7	87.8	88.5	88.8	88.8	89.1	89.1	89.1	89.2
GE 800	69.2	74.1	77.7	80.4	83.3	84.5	86.0	88.1	88.2	89.0	89.5	89.5	89.9	89.9	89.9	90.0
GE 700	69.2	74.1	77.8	80.5	83.4	84.7	86.2	88.4	88.5	89.4	89.9	89.9	90.3	90.3	90.3	90.4
GE 600	69.2	74.2	78.0	80.9	84.0	85.3	87.0	89.2	89.5	90.3	90.9	90.9	91.5	91.5	91.5	91.7
GE 500	69.4	74.3	78.1	81.0	84.2	85.5	87.7	90.6	91.3	92.2	92.7	92.7	93.3	93.3	93.3	93.5
GE 400	69.4	74.3	78.2	81.1	84.5	85.8	88.6	92.2	93.0	94.2	95.1	95.1	95.7	95.8	95.8	96.0
GE 300	69.4	74.5	78.5	81.5	85.1	86.6	89.6	93.5	94.6	95.8	96.8	96.9	97.6	97.7	97.7	98.0
GE 200	69.4	74.5	78.5	81.5	85.1	86.6	89.6	93.7	94.8	96.2	97.6	97.7	98.6	98.7	98.7	99.1
GE 100	69.4	74.5	78.5	81.5	85.1	86.6	89.6	93.7	94.9	96.3	97.8	98.0	98.9	99.0	99.0	99.7
GE 000	69.4	74.5	78.5	81.5	85.1	86.6	89.6	93.7	94.9	96.3	97.8	98.0	98.9	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.2	39.7	40.8	41.5	42.4	42.4	42.6	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3
GE 20000	41.2	43.3	45.1	45.8	46.8	46.8	47.0	47.6	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1
GE 18000	41.2	43.3	45.1	45.8	46.8	46.8	47.0	47.6	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1
GE 16000	41.2	43.3	45.1	45.8	47.0	47.0	47.2	47.8	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3
GE 14000	41.6	43.8	45.5	46.2	47.4	47.4	47.6	48.3	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7
GE 12000	41.7	43.9	45.6	46.3	47.6	47.7	48.0	48.6	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0
GE 10000	43.2	45.5	47.3	48.1	49.5	49.6	49.8	50.4	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9
GE 9000	44.1	46.5	48.5	49.2	50.6	50.8	51.0	51.6	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
GE 8000	46.2	49.4	51.6	52.7	54.1	54.3	54.6	55.3	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
GE 7000	47.4	50.6	53.0	54.1	55.5	55.7	56.2	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4
GE 6000	48.0	51.2	53.5	54.7	56.2	56.5	57.0	57.6	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.2
GE 5000	48.9	52.2	54.7	56.1	57.7	58.0	58.5	59.1	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7
GE 4500	49.9	53.4	56.1	57.5	59.1	59.4	59.9	60.6	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.3
GE 4000	54.3	58.1	60.9	62.6	64.3	64.5	65.3	66.2	66.6	66.6	66.8	66.8	66.9	66.9	66.9	67.0
GE 3500	55.4	59.4	62.3	64.0	65.7	65.9	66.7	67.6	68.0	68.0	68.2	68.2	68.3	68.3	68.3	68.4
GE 3000	57.6	61.9	65.3	67.1	69.0	69.2	70.1	71.4	71.7	71.7	71.9	71.9	72.0	72.0	72.0	72.2
GE 2500	60.1	64.8	68.8	70.9	72.9	73.2	74.3	75.7	76.0	76.0	76.2	76.2	76.3	76.3	76.3	76.6
GE 2000	63.0	67.8	72.0	74.2	76.8	77.1	78.2	79.7	80.2	80.3	80.5	80.5	80.6	80.6	80.6	80.9
GE 1800	63.7	68.5	72.8	75.3	77.8	78.2	79.2	80.8	81.3	81.4	81.6	81.6	81.7	81.7	81.7	81.9
GE 1500	64.8	69.9	74.3	76.9	79.5	79.9	81.1	82.7	83.3	83.4	83.7	83.7	83.8	83.8	83.8	84.0
GE 1200	65.7	70.8	75.3	78.0	80.8	81.2	82.4	84.0	84.7	84.8	85.1	85.1	85.2	85.2	85.2	85.4
GE 1000	66.3	71.6	76.2	79.1	82.2	82.6	83.9	85.5	86.2	86.6	86.9	87.2	87.3	87.3	87.3	87.5
GE 900	66.3	71.7	76.5	79.5	82.6	83.0	84.3	86.0	86.8	87.1	87.4	87.7	87.8	87.8	87.8	88.2
GE 800	66.3	71.7	76.6	79.7	83.2	83.7	84.9	86.7	87.4	88.1	88.7	89.0	89.1	89.1	89.1	89.5
GE 700	66.5	71.8	76.7	79.8	83.4	83.9	85.2	87.0	87.8	88.5	89.1	89.5	89.6	89.6	89.6	89.9
GE 600	66.5	71.8	76.7	80.0	83.9	84.4	85.7	87.8	88.8	89.6	90.5	90.9	91.3	91.3	91.3	91.7
GE 500	66.5	71.8	76.7	80.0	84.3	85.3	86.6	89.4	90.3	91.4	92.5	92.8	93.4	93.4	93.4	94.0
GE 400	66.5	71.8	76.7	80.2	84.7	85.7	87.3	90.6	91.7	93.2	94.3	94.6	95.4	95.4	95.5	96.0
GE 300	66.5	71.9	77.0	80.5	85.1	86.0	87.8	91.6	92.7	94.3	95.7	96.0	96.8	96.8	97.0	97.5
GE 200	66.5	71.9	77.0	80.5	85.1	86.0	88.1	91.9	93.0	94.6	96.2	96.7	97.6	97.6	97.8	98.7
GE 100	66.5	71.9	77.0	80.5	85.1	86.0	88.1	91.9	93.0	94.6	96.3	97.0	98.0	98.0	98.2	99.7
GE 000	66.5	71.9	77.0	80.5	85.1	86.0	88.1	91.9	93.0	94.6	96.3	97.0	98.0	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.7	41.8	42.6	42.8	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 20000	43.5	46.1	47.2	47.5	47.8	47.8	47.8	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1
GE 18000	44.1	46.7	47.7	48.1	48.4	48.4	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6
GE 16000	44.1	46.7	47.7	48.1	48.4	48.4	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6
GE 14000	44.3	46.9	48.0	48.3	48.7	48.7	48.7	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9
GE 12000	44.4	47.1	48.2	48.5	48.9	48.9	48.9	49.1	49.1	49.1	49.5	49.5	49.5	49.5	49.5	49.5
GE 10000	45.5	48.3	49.4	49.7	50.2	50.2	50.2	50.4	50.4	50.4	50.8	50.8	50.8	50.8	50.8	50.8
GE 9000	46.3	49.1	50.2	50.5	51.2	51.2	51.3	51.6	51.6	51.6	51.9	51.9	51.9	51.9	51.9	51.9
GE 8000	48.0	51.5	53.0	53.3	54.0	54.0	54.1	54.5	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8
GE 7000	48.5	52.5	54.0	54.4	55.1	55.2	55.3	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0
GE 6000	49.2	53.5	55.1	55.5	56.1	56.2	56.3	56.8	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1
GE 5000	50.0	54.6	56.3	56.8	57.6	57.7	57.8	58.3	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6
GE 4500	51.1	55.8	58.0	58.4	59.2	59.4	59.5	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2
GE 4000	54.1	59.0	61.4	61.9	63.1	63.3	63.7	64.1	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4
GE 3500	55.5	60.5	63.2	63.9	65.2	65.5	65.8	66.5	66.5	66.6	66.9	66.9	66.9	66.9	66.9	66.9
GE 3000	58.5	63.9	67.1	68.0	69.9	70.2	70.8	71.5	71.5	71.7	72.0	72.0	72.0	72.0	72.0	72.0
GE 2500	60.2	65.6	69.2	70.3	72.5	72.8	73.5	74.5	74.5	74.9	75.4	75.4	75.4	75.4	75.4	75.4
GE 2000	63.2	68.8	73.0	74.2	76.7	77.0	77.8	79.4	79.6	80.0	80.5	80.5	80.5	80.5	80.5	80.5
GE 1800	63.5	69.2	73.5	74.7	77.2	77.5	78.4	79.9	80.1	80.5	81.1	81.1	81.1	81.1	81.1	81.1
GE 1500	65.8	71.7	76.3	77.7	80.8	81.2	82.2	83.8	84.0	84.4	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	66.8	72.7	77.3	78.8	82.0	82.6	83.8	85.5	85.7	86.1	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	67.0	73.0	77.6	79.4	83.3	84.0	85.2	86.9	87.1	87.5	88.2	88.2	88.2	88.2	88.2	88.2
GE 900	67.4	73.4	78.1	79.8	83.8	84.4	85.9	87.6	88.3	88.7	89.6	89.7	89.7	89.7	89.7	89.8
GE 800	67.5	73.5	78.2	79.9	84.2	84.9	86.5	88.2	88.8	89.2	90.1	90.2	90.3	90.3	90.3	90.4
GE 700	67.7	73.9	78.5	80.4	84.7	85.5	87.0	88.7	89.5	89.9	90.9	91.0	91.1	91.1	91.1	91.2
GE 600	67.7	73.9	78.7	80.9	85.4	86.3	88.1	90.3	91.1	91.6	93.0	93.2	93.3	93.3	93.3	93.4
GE 500	67.7	73.9	78.7	80.9	85.4	86.6	88.5	91.1	92.0	92.6	94.1	94.3	94.9	95.1	95.2	95.3
GE 400	67.7	74.0	78.9	81.2	85.8	87.0	89.0	92.2	93.5	94.1	95.6	95.8	96.5	96.6	96.7	96.9
GE 300	67.7	74.0	78.9	81.2	85.8	87.0	89.0	92.5	94.0	94.7	96.7	97.0	97.7	97.8	98.1	98.4
GE 200	67.7	74.0	78.9	81.2	85.8	87.1	89.4	92.8	94.3	95.1	97.1	97.4	98.4	98.5	98.7	99.2
GE 100	67.7	74.0	78.9	81.2	85.8	87.1	89.4	92.8	94.3	95.1	97.1	97.4	98.5	98.6	99.0	100.0
GE 000	67.7	74.0	78.9	81.2	85.8	87.1	89.4	92.8	94.3	95.1	97.1	97.4	98.5	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 20000	46.1	48.6	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 18000	46.5	48.9	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 16000	46.6	49.0	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 14000	47.1	49.6	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 12000	47.5	50.0	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 10000	48.1	50.6	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8
GE 9000	48.4	51.1	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3
GE 8000	50.3	53.4	54.3	54.3	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9
GE 7000	51.0	54.3	55.2	55.3	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
GE 6000	51.1	54.5	55.6	55.7	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5
GE 5000	51.7	55.5	56.6	56.7	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
GE 4500	52.3	56.2	57.3	57.6	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6
GE 4000	55.6	59.7	60.8	61.5	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7
GE 3500	57.8	62.3	63.7	64.6	65.4	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2
GE 3000	62.2	67.4	69.0	70.1	71.0	71.4	71.8	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2
GE 2500	65.5	71.2	73.2	74.5	75.7	76.3	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
GE 2000	68.6	74.3	76.5	78.0	79.4	80.1	81.0	81.4	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8
GE 1800	69.4	75.2	77.3	78.8	80.3	81.1	82.0	82.7	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3
GE 1500	71.8	77.6	80.5	82.7	84.5	85.4	86.7	87.5	87.7	88.1	88.2	88.2	88.3	88.3	88.3	88.3
GE 1200	72.2	78.2	81.2	83.7	85.7	86.6	88.0	88.8	89.1	89.6	89.7	89.7	89.8	89.8	89.8	89.8
GE 1000	72.4	78.6	81.7	84.4	86.7	87.6	89.1	90.2	90.5	91.2	91.6	91.6	91.7	91.7	91.7	91.8
GE 900	72.7	78.9	82.0	84.8	87.1	88.1	89.6	90.8	91.1	91.7	92.2	92.2	92.3	92.3	92.3	92.4
GE 800	72.7	79.1	82.4	85.3	87.7	88.7	90.2	91.4	91.7	92.5	93.3	93.3	93.5	93.5	93.5	93.7
GE 700	72.7	79.1	82.5	85.4	88.2	89.2	90.8	92.0	92.4	93.2	94.1	94.1	94.3	94.3	94.3	94.4
GE 600	72.7	79.1	82.5	85.5	88.3	89.5	91.3	93.1	93.4	94.3	95.4	95.4	95.6	95.6	95.6	95.7
GE 500	72.7	79.2	82.7	85.8	88.7	89.9	91.9	93.8	94.1	95.4	96.5	96.5	96.8	96.8	96.8	96.9
GE 400	72.7	79.2	82.7	85.8	88.7	89.9	92.2	94.2	94.6	96.0	97.2	97.2	97.5	97.5	97.5	97.6
GE 300	72.7	79.4	82.8	85.9	88.8	90.0	92.4	94.8	95.4	97.3	98.6	98.7	99.1	99.1	99.1	99.2
GE 200	72.7	79.4	82.8	85.9	88.8	90.0	92.5	94.9	95.6	97.5	98.8	98.9	99.5	99.5	99.7	99.9
GE 100	72.7	79.4	82.8	85.9	88.8	90.0	92.5	94.9	95.6	97.5	98.8	98.9	99.5	99.5	99.8	100.0
GE 000	72.7	79.4	82.8	85.9	88.8	90.0	92.5	94.9	95.6	97.5	98.8	98.9	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	43.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 20000	47.2	50.0	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000	47.6	50.4	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5
GE 16000	47.6	50.4	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5
GE 14000	48.1	50.9	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9
GE 12000	48.9	51.7	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9
GE 10000	50.8	53.7	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9
GE 9000	51.0	54.0	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3
GE 8000	52.6	55.6	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
GE 7000	53.2	56.6	57.7	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5
GE 6000	53.3	56.7	57.8	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7
GE 5000	54.5	57.8	59.0	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 4500	55.2	58.5	59.7	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2
GE 4000	58.2	61.6	62.9	64.0	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
GE 3500	62.7	66.5	68.1	69.2	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1
GE 3000	67.1	71.3	73.1	74.7	75.2	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
GE 2500	69.0	73.4	75.7	77.5	78.3	79.0	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0
GE 2000	71.0	75.7	78.2	80.0	80.8	81.7	82.4	82.7	82.9	83.2	83.3	83.3	83.4	83.4	83.4	83.4
GE 1800	71.1	75.9	78.6	80.5	81.3	82.3	82.9	83.2	83.4	83.8	83.9	83.9	84.0	84.0	84.0	84.0
GE 1500	71.9	76.8	79.5	82.2	83.0	84.0	84.7	85.3	85.5	85.9	86.0	86.0	86.1	86.1	86.1	86.1
GE 1200	72.2	77.1	80.4	83.3	84.3	85.3	86.0	86.6	86.9	87.3	87.4	87.5	87.6	87.6	87.6	87.7
GE 1000	72.3	77.8	81.8	84.9	86.8	87.7	88.6	89.4	89.7	90.1	90.2	90.3	90.4	90.4	90.4	90.5
GE 900	72.6	78.2	82.2	85.3	87.1	88.1	88.9	89.7	90.0	90.4	90.5	90.6	90.8	90.8	90.8	90.9
GE 800	72.7	78.3	82.4	85.6	87.5	88.5	89.5	90.2	90.5	91.1	91.2	91.4	91.5	91.8	91.8	91.9
GE 700	72.9	78.7	82.8	86.1	88.1	89.0	90.0	90.8	91.3	91.8	91.9	92.3	92.5	92.8	92.8	92.9
GE 600	72.9	78.7	82.9	86.2	88.2	89.1	90.3	91.4	91.9	92.7	92.8	93.1	93.4	93.8	93.8	93.9
GE 500	72.9	78.8	83.2	86.6	88.5	89.6	91.1	92.3	92.8	93.9	94.0	94.3	94.7	95.2	95.5	95.6
GE 400	72.9	78.9	83.3	86.7	88.6	89.7	91.4	92.7	93.4	94.8	95.1	95.4	95.8	96.2	96.6	96.7
GE 300	72.9	78.9	83.3	86.7	88.6	89.7	91.5	93.1	94.2	95.9	96.1	96.5	97.3	97.8	98.2	98.4
GE 200	72.9	78.9	83.3	86.7	88.7	89.8	91.6	93.2	94.4	96.3	96.8	97.1	98.4	99.0	99.7	100.0
GE 100	72.9	78.9	83.3	86.7	88.7	89.8	91.6	93.2	94.4	96.3	96.8	97.1	98.4	99.0	99.7	100.0
GE 000	72.9	78.9	83.3	86.7	88.7	89.8	91.6	93.2	94.4	96.3	96.8	97.1	98.4	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 630

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.7	47.3	47.7	48.0	48.0	48.0	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	50.8	53.4	54.2	54.5	54.5	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 18000	51.1	53.8	54.5	54.8	54.8	54.8	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 16000	51.1	53.8	54.5	54.8	54.8	54.8	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	51.5	54.2	54.9	55.3	55.3	55.3	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	52.0	54.8	55.6	55.9	56.0	56.0	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 10000	53.5	56.5	57.2	57.6	57.7	57.7	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 9000	54.1	57.1	57.8	58.3	58.4	58.4	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	55.5	58.5	59.2	60.1	60.4	60.6	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 7000	56.3	59.5	60.2	61.3	61.6	61.9	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 6000	57.2	60.4	61.2	62.3	62.6	62.9	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 5000	58.5	61.9	63.1	64.2	64.5	64.8	64.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 4500	59.4	62.8	64.0	65.2	65.5	65.8	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4000	62.4	66.5	68.4	69.7	70.1	70.4	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.3
GE 3500	64.3	68.5	70.6	72.0	72.6	72.9	73.1	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.9
GE 3000	67.2	71.6	73.9	75.7	76.3	76.8	77.1	77.7	77.8	77.8	77.8	77.8	78.0	78.0	78.1	78.2
GE 2500	69.0	74.0	76.6	78.6	79.5	79.9	80.2	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.2	81.3
GE 2000	70.0	75.4	78.1	80.4	81.7	82.3	82.6	83.3	83.4	83.5	83.5	83.5	83.7	83.7	83.8	83.9
GE 1800	70.8	76.2	79.0	81.5	82.8	83.3	83.7	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.8	84.9
GE 1500	71.3	76.9	79.7	82.4	83.9	84.4	84.8	85.8	85.9	86.0	86.1	86.1	86.2	86.2	86.3	86.5
GE 1200	71.5	78.1	81.1	84.0	85.6	86.1	86.6	87.5	87.6	87.7	87.8	87.8	88.1	88.1	88.2	88.3
GE 1000	71.9	78.9	81.9	84.9	86.8	87.3	87.8	89.0	89.1	89.2	89.5	89.6	89.9	89.9	90.0	90.1
GE 900	72.3	79.2	82.3	85.3	87.3	87.8	88.4	89.6	89.7	89.8	90.2	90.3	90.9	90.9	91.0	91.1
GE 800	72.4	79.4	82.5	85.5	87.5	88.2	88.7	90.0	90.1	90.2	90.6	90.8	91.3	91.3	91.4	91.5
GE 700	72.7	79.8	83.0	86.2	88.5	89.4	90.0	91.4	91.5	91.6	92.0	92.2	92.9	92.9	93.0	93.1
GE 600	72.7	79.8	83.0	86.2	88.7	89.6	90.2	91.8	91.9	92.0	92.6	92.7	93.4	93.5	93.8	93.9
GE 500	72.7	79.8	83.0	86.3	88.9	89.8	90.4	92.0	92.2	92.5	93.1	93.2	94.2	94.3	94.7	94.8
GE 400	72.7	79.8	83.0	86.5	89.2	90.3	91.0	93.0	93.1	93.7	94.3	94.4	95.4	95.5	95.9	96.0
GE 300	72.7	79.8	83.0	86.5	89.2	90.3	91.0	93.1	93.3	94.9	95.7	95.8	97.1	97.2	97.6	97.7
GE 200	72.7	79.8	83.0	86.5	89.5	90.5	91.2	93.3	93.5	95.5	96.6	96.7	98.1	98.5	99.1	99.2
GE 100	72.7	79.8	83.0	86.5	89.5	90.5	91.2	93.3	93.5	95.5	96.6	96.7	98.2	98.6	99.5	100.0
GE 000	72.7	79.8	83.0	86.5	89.5	90.5	91.2	93.3	93.5	95.5	96.6	96.7	98.2	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 910

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.4	48.8	49.6	50.0	50.4	50.4	50.4	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	50.8	52.5	53.7	54.2	54.8	54.8	54.8	55.1	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	50.8	52.5	53.7	54.2	54.8	54.8	54.8	55.1	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	50.8	52.5	53.7	54.2	54.8	54.8	54.8	55.1	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	51.1	52.8	54.1	54.6	55.3	55.3	55.3	55.5	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8
GE 12000	51.6	53.3	54.7	55.3	55.9	55.9	55.9	56.1	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5
GE 10000	52.2	54.3	55.8	56.3	57.0	57.0	57.0	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5
GE 9000	52.3	54.4	55.9	56.5	57.1	57.1	57.1	57.3	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6
GE 8000	54.5	56.8	58.5	59.0	59.9	60.0	60.0	60.2	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5
GE 7000	54.9	57.2	58.9	59.6	60.5	60.6	60.6	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2
GE 6000	55.4	57.6	59.5	60.1	61.1	61.2	61.2	61.4	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7
GE 5000	58.0	60.3	62.3	63.1	64.1	64.2	64.2	64.5	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9
GE 4500	58.7	61.1	63.1	64.0	65.1	65.3	65.3	65.6	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0
GE 4000	63.4	66.3	68.6	69.5	70.6	70.9	70.9	71.2	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6
GE 3500	64.9	68.0	70.4	71.5	73.0	73.2	73.2	73.5	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0
GE 3000	67.8	71.1	73.7	75.3	77.4	77.6	77.6	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	69.9	73.2	76.3	78.1	80.3	80.5	80.5	81.0	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 2000	70.6	74.3	77.7	79.7	82.2	82.4	82.5	82.9	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	71.8	75.6	79.0	81.2	83.7	83.9	84.0	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 1500	73.2	77.0	80.8	83.1	86.2	86.5	86.6	87.3	87.5	87.7	87.8	88.1	88.1	88.1	88.1	88.1
GE 1200	73.5	77.6	81.4	83.8	86.9	87.2	87.5	88.3	88.5	88.8	88.9	89.1	89.2	89.2	89.2	89.2
GE 1000	73.7	78.2	81.9	84.4	87.5	87.8	88.2	88.9	89.1	89.5	89.7	89.9	90.0	90.0	90.0	90.0
GE 900	73.9	78.4	82.3	85.1	88.2	88.5	88.8	89.7	89.9	90.2	90.5	90.8	91.0	91.0	91.0	91.0
GE 800	73.9	78.4	82.4	85.2	88.3	88.6	88.9	89.8	90.0	90.5	91.0	91.2	91.4	91.4	91.5	91.5
GE 700	73.9	78.4	82.4	85.3	88.4	88.7	89.2	90.1	90.4	91.0	91.4	91.6	91.8	91.8	91.9	91.9
GE 600	73.9	78.4	82.4	85.3	88.4	88.7	89.2	90.2	90.5	91.2	91.6	91.8	92.0	92.0	92.2	92.2
GE 500	73.9	78.4	82.4	85.4	88.6	88.9	89.6	90.8	91.2	91.9	92.9	93.1	93.4	93.4	93.5	93.5
GE 400	73.9	78.4	82.6	85.9	89.1	89.5	90.3	91.9	92.7	93.7	94.9	95.2	95.5	95.5	95.6	95.6
GE 300	73.9	78.4	82.6	86.0	89.2	89.6	90.5	92.5	93.3	94.9	96.5	96.7	97.2	97.2	97.4	97.4
GE 200	73.9	78.4	82.6	86.0	89.2	89.6	90.6	92.8	93.7	95.5	97.3	97.5	98.4	98.6	99.0	99.2
GE 100	73.9	78.4	82.6	86.0	89.2	89.6	90.6	92.8	94.0	95.8	97.7	98.0	98.8	99.0	99.7	100.0
GE 000	73.9	78.4	82.6	86.0	89.2	89.6	90.6	92.8	94.0	95.8	97.7	98.0	98.8	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	44.8	45.6	45.9	46.1	46.2	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 20000	46.7	48.9	49.9	50.3	50.7	50.7	50.8	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	46.9	49.1	50.2	50.6	50.9	51.0	51.1	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
GE 16000	47.0	49.1	50.2	50.6	51.0	51.0	51.2	51.4	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6
GE 14000	47.3	49.4	50.5	51.0	51.4	51.4	51.5	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 12000	47.7	49.8	51.0	51.4	51.8	51.9	52.0	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5
GE 10000	48.8	51.2	52.4	52.8	53.3	53.3	53.5	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9
GE 9000	49.4	51.8	53.0	53.5	53.9	54.0	54.1	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6
GE 8000	51.3	54.0	55.4	56.0	56.6	56.7	56.9	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4
GE 7000	52.1	55.0	56.4	57.2	57.8	57.9	58.1	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7
GE 6000	52.6	55.6	57.0	57.8	58.4	58.6	58.8	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3
GE 5000	53.8	57.1	58.7	59.5	60.2	60.4	60.6	60.9	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.2
GE 4500	54.8	58.1	59.8	60.8	61.5	61.7	61.9	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.6
GE 4000	58.6	62.2	64.2	65.2	66.1	66.5	66.8	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.6
GE 3500	60.4	64.2	66.4	67.5	68.5	68.9	69.2	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.1
GE 3000	63.6	67.8	70.2	71.6	73.0	73.4	73.9	74.4	74.5	74.6	74.7	74.7	74.8	74.8	74.8	74.8
GE 2500	66.0	70.5	73.3	75.1	76.6	77.0	77.7	78.3	78.4	78.6	78.7	78.7	78.8	78.8	78.8	78.8
GE 2000	67.8	72.6	75.7	77.6	79.4	79.9	80.6	81.4	81.7	81.9	82.0	82.0	82.1	82.1	82.1	82.2
GE 1800	68.4	73.3	76.5	78.5	80.3	80.8	81.6	82.5	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.3
GE 1500	69.8	74.7	78.2	80.5	82.6	83.3	84.1	85.2	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.1
GE 1200	70.3	75.4	79.1	81.5	83.9	84.5	85.5	86.6	86.9	87.2	87.5	87.5	87.6	87.6	87.6	87.7
GE 1000	70.6	76.1	79.8	82.5	85.1	85.8	86.9	88.2	88.5	88.9	89.2	89.3	89.5	89.5	89.5	89.6
GE 900	70.8	76.4	80.2	82.9	85.6	86.3	87.4	88.7	89.1	89.5	89.9	90.0	90.2	90.2	90.2	90.3
GE 800	70.9	76.5	80.3	83.1	86.0	86.7	87.8	89.2	89.6	90.2	90.8	90.9	91.1	91.1	91.2	91.3
GE 700	71.0	76.6	80.5	83.4	86.4	87.2	88.3	89.8	90.2	90.8	91.4	91.6	91.8	91.9	91.9	92.0
GE 600	71.0	76.6	80.6	83.6	86.7	87.6	88.9	90.6	91.1	91.8	92.5	92.6	93.0	93.0	93.1	93.2
GE 500	71.0	76.7	80.7	83.8	86.9	87.9	89.4	91.5	92.0	92.9	93.8	93.9	94.4	94.5	94.7	94.8
GE 400	71.0	76.7	80.8	83.9	87.2	88.2	90.0	92.5	93.3	94.4	95.3	95.5	96.0	96.1	96.2	96.4
GE 300	71.0	76.7	80.9	84.1	87.4	88.4	90.3	93.1	94.0	95.5	96.7	96.9	97.6	97.7	97.9	98.1
GE 200	71.0	76.7	80.9	84.1	87.4	88.5	90.4	93.3	94.3	95.9	97.4	97.6	98.5	98.7	99.0	99.3
GE 100	71.0	76.7	80.9	84.1	87.4	88.5	90.4	93.3	94.4	96.0	97.5	97.7	98.7	98.9	99.3	99.8
GE 000	71.0	76.7	80.9	84.1	87.4	88.5	90.4	93.3	94.4	96.0	97.5	97.7	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.8	50.9	51.7	51.9	52.6	52.6	52.8	53.3	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6
GE 20000	51.4	52.9	53.7	54.1	54.9	54.9	55.1	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
GE 18000	51.4	52.9	53.7	54.1	54.9	54.9	55.1	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
GE 16000	51.4	52.9	53.7	54.1	54.9	54.9	55.1	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
GE 14000	51.6	53.0	53.8	54.2	55.0	55.0	55.2	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0
GE 12000	51.9	53.3	54.1	54.6	55.3	55.3	55.6	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3
GE 10000	53.7	55.3	56.3	56.9	57.7	57.7	57.9	58.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
GE 9000	54.6	56.6	57.6	58.1	59.1	59.1	59.3	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
GE 8000	58.0	60.0	61.0	61.6	62.6	62.6	62.8	63.3	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000	59.4	61.4	62.4	63.0	64.4	64.4	64.7	65.3	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000	61.7	63.7	64.8	65.3	66.8	66.8	67.0	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9
GE 5000	63.6	65.6	66.7	67.2	68.7	68.7	68.9	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
GE 4500	66.9	69.2	70.4	71.0	72.4	72.4	72.7	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000	71.2	73.8	75.3	76.1	77.6	77.6	77.8	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	72.6	75.3	76.9	77.7	79.2	79.2	79.4	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3
GE 3000	75.8	78.9	80.7	81.4	83.1	83.1	83.3	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	77.4	80.8	82.8	83.8	85.4	85.4	85.7	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	77.9	81.7	83.8	84.8	86.6	86.6	86.9	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	78.0	81.8	83.9	84.9	86.7	86.7	87.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	78.6	82.4	85.0	86.1	87.9	87.9	88.2	89.3	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	79.0	82.9	85.4	86.6	88.3	88.3	88.7	89.8	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 1000	79.2	83.1	85.7	86.8	88.6	88.6	88.9	90.0	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 900	79.2	83.1	85.8	86.9	88.8	88.8	89.1	90.6	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	79.6	83.6	86.2	87.4	89.3	89.3	89.7	91.1	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	79.7	83.7	86.7	87.9	89.8	89.8	90.3	91.8	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	79.7	83.7	86.9	88.2	90.6	90.7	91.2	92.7	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4
GE 500	80.0	84.0	87.2	89.0	91.4	91.6	92.9	94.3	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1
GE 400	80.0	84.0	87.2	89.0	91.7	91.8	93.2	94.8	95.2	95.6	95.7	95.7	95.9	95.9	95.9	95.9
GE 300	80.0	84.0	87.3	89.2	92.1	92.2	94.2	95.9	96.8	97.1	97.3	97.3	97.6	97.6	97.7	97.7
GE 200	80.0	84.0	87.4	89.4	92.3	92.4	94.8	96.9	97.8	98.2	98.4	98.7	99.0	99.0	99.3	99.3
GE 100	80.0	84.0	87.4	89.4	92.3	92.4	94.8	96.9	97.9	98.3	98.7	98.9	99.6	99.6	99.9	100.0
GE 000	80.0	84.0	87.4	89.4	92.3	92.4	94.8	96.9	97.9	98.3	98.7	98.9	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.6	48.6	49.4	50.0	50.6	50.6	50.7	50.8	50.9	51.0	51.0	51.0	51.2	51.2	51.7	51.8
GE 20000	50.0	51.0	52.0	52.7	53.4	53.4	53.6	53.7	53.8	53.9	53.9	53.9	54.1	54.1	54.6	54.7
GE 18000	50.1	51.1	52.1	52.8	53.6	53.6	53.7	53.8	53.9	54.0	54.0	54.0	54.2	54.2	54.7	54.8
GE 16000	50.1	51.1	52.1	52.8	53.6	53.6	53.7	53.8	53.9	54.0	54.0	54.0	54.2	54.2	54.7	54.8
GE 14000	50.2	51.2	52.2	52.9	53.7	53.7	53.8	53.9	54.0	54.1	54.1	54.1	54.3	54.3	54.8	54.9
GE 12000	50.8	51.9	52.9	53.6	54.3	54.3	54.4	54.6	54.7	54.8	54.8	54.8	55.0	55.0	55.4	55.6
GE 10000	52.2	53.4	54.4	55.2	56.1	56.1	56.2	56.3	56.4	56.6	56.6	56.6	56.8	56.8	57.2	57.3
GE 9000	53.7	55.1	56.4	57.2	58.1	58.1	58.2	58.3	58.4	58.6	58.6	58.6	58.8	58.8	59.2	59.3
GE 8000	56.3	57.9	59.2	60.2	61.1	61.1	61.2	61.3	61.4	61.6	61.6	61.6	61.8	61.8	62.2	62.3
GE 7000	58.7	60.2	61.8	63.0	64.1	64.1	64.2	64.4	64.6	64.7	64.7	64.7	64.9	64.9	65.3	65.4
GE 6000	59.6	61.2	63.0	64.3	65.4	65.4	65.6	65.8	65.9	66.0	66.0	66.0	66.2	66.2	66.7	66.8
GE 5000	61.3	63.0	65.0	66.3	67.4	67.4	67.6	67.8	67.9	68.0	68.0	68.0	68.2	68.2	68.7	68.8
GE 4500	64.1	66.0	68.0	69.3	70.4	70.4	70.6	70.8	70.9	71.0	71.0	71.0	71.2	71.2	71.7	71.8
GE 4000	68.6	71.0	73.9	75.4	76.6	76.6	76.7	76.9	77.0	77.1	77.1	77.1	77.3	77.3	77.8	77.9
GE 3500	69.9	72.4	75.4	77.1	78.2	78.2	78.3	78.6	78.7	78.8	78.8	78.8	79.0	79.0	79.4	79.6
GE 3000	71.6	74.4	77.9	79.6	80.9	80.9	81.0	81.3	81.4	81.6	81.6	81.6	81.8	81.8	82.3	82.4
GE 2500	73.0	76.0	79.6	81.3	82.9	82.9	83.0	83.3	83.4	83.6	83.6	83.6	83.8	83.8	84.3	84.4
GE 2000	74.2	77.2	81.0	82.9	84.6	84.6	84.7	85.1	85.3	85.4	85.4	85.4	85.7	85.7	86.2	86.3
GE 1800	74.4	77.4	81.3	83.2	85.0	85.0	85.1	85.6	85.8	85.9	85.9	85.9	86.1	86.1	86.7	86.8
GE 1500	75.1	78.1	82.6	84.4	86.3	86.3	86.4	87.1	87.3	87.4	87.4	87.4	87.7	87.7	88.2	88.3
GE 1200	76.0	79.0	83.6	85.4	87.3	87.3	87.4	88.1	88.7	88.8	88.8	88.8	89.0	89.0	89.6	89.7
GE 1000	76.2	79.2	83.8	85.7	87.6	87.6	87.7	88.3	88.9	89.0	89.0	89.0	89.3	89.3	89.9	90.0
GE 900	76.2	79.6	84.1	86.1	88.1	88.1	88.6	89.3	90.0	90.1	90.1	90.1	90.4	90.4	91.0	91.1
GE 800	76.2	79.6	84.1	86.1	88.1	88.1	88.7	89.4	90.1	90.2	90.3	90.3	90.7	90.7	91.2	91.3
GE 700	76.2	79.7	84.3	86.3	88.3	88.3	89.0	89.8	90.4	90.7	90.9	90.9	91.2	91.2	91.8	91.9
GE 600	76.3	79.8	84.7	86.7	88.7	88.7	89.3	90.2	90.9	91.1	91.3	91.3	91.7	91.7	92.2	92.3
GE 500	76.3	79.9	85.1	87.1	89.9	89.9	90.7	92.3	93.0	93.3	93.6	93.6	93.9	93.9	94.4	94.8
GE 400	76.3	79.9	85.2	87.3	90.7	90.7	91.8	94.0	94.7	95.2	95.4	95.4	95.8	95.8	96.3	96.7
GE 300	76.3	79.9	85.2	87.3	90.8	90.8	92.0	94.4	95.3	96.4	96.9	97.0	97.6	97.6	98.1	98.4
GE 200	76.3	79.9	85.2	87.4	91.0	91.0	92.3	94.8	95.7	96.8	97.2	97.3	98.0	98.0	98.6	99.0
GE 100	76.3	79.9	85.2	87.4	91.0	91.0	92.3	94.8	95.7	96.8	97.3	97.4	98.1	98.1	98.7	99.6
GE 000	76.3	79.9	85.2	87.4	91.0	91.0	92.3	94.8	95.7	96.8	97.3	97.4	98.1	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.0	47.2	48.0	48.9	49.2	49.2	49.2	49.4	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7
GE 20000	48.0	50.6	51.6	52.7	53.0	53.0	53.0	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4
GE 18000	48.1	50.7	51.7	52.8	53.1	53.1	53.1	53.3	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6
GE 16000	48.1	50.7	51.7	52.8	53.1	53.1	53.1	53.3	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6
GE 14000	48.4	51.0	52.0	53.1	53.4	53.4	53.4	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9
GE 12000	49.1	51.8	52.8	53.9	54.4	54.4	54.4	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
GE 10000	50.3	53.0	54.1	55.8	56.6	56.6	56.6	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
GE 9000	51.6	54.2	55.3	57.0	58.0	58.0	58.0	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	54.8	58.0	59.4	61.1	62.3	62.3	62.3	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8
GE 7000	57.4	61.1	62.6	64.4	65.8	65.8	65.8	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 6000	59.2	62.9	64.3	66.2	67.6	67.6	67.6	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0
GE 5000	61.2	64.9	66.4	68.6	70.2	70.2	70.2	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7
GE 4500	61.9	65.7	67.4	69.6	71.2	71.2	71.2	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 4000	63.8	67.9	69.7	71.8	73.6	73.6	73.6	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	65.6	69.9	72.0	74.2	76.0	76.0	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
GE 3000	68.9	73.2	75.6	78.0	80.3	80.3	80.3	80.7	80.9	80.9	81.1	81.1	81.2	81.2	81.2	81.2
GE 2500	69.6	74.0	76.3	78.8	81.3	81.3	81.6	81.9	82.2	82.2	82.4	82.4	82.6	82.6	82.6	82.6
GE 2000	71.3	75.8	78.2	80.8	83.6	83.9	84.1	84.6	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.2
GE 1800	71.7	76.2	78.7	81.2	84.0	84.3	84.7	85.1	85.4	85.4	85.7	85.7	85.8	85.8	85.8	85.8
GE 1500	73.0	77.6	80.0	82.8	85.9	86.4	86.9	87.4	87.8	87.8	88.0	88.0	88.1	88.1	88.1	88.1
GE 1200	73.2	77.8	80.2	83.1	86.2	86.9	87.4	88.1	88.4	88.4	88.7	88.7	88.8	88.8	88.8	88.8
GE 1000	73.9	78.4	80.9	83.9	87.1	87.8	88.4	89.1	89.4	89.4	89.7	89.7	89.8	89.8	89.8	89.8
GE 900	73.9	78.4	81.1	84.2	87.6	88.3	89.1	89.9	90.2	90.3	90.6	90.6	90.7	90.7	90.7	90.7
GE 800	74.0	78.6	81.2	84.4	88.0	88.8	89.7	90.6	90.9	91.0	91.2	91.2	91.3	91.3	91.3	91.3
GE 700	74.0	78.6	81.2	84.6	88.2	89.0	90.0	91.0	91.3	91.4	91.7	91.7	91.9	91.9	91.9	91.9
GE 600	74.0	78.6	81.2	84.7	88.6	89.3	90.8	91.9	92.2	92.3	92.6	92.6	92.8	92.8	92.8	92.8
GE 500	74.0	78.6	81.3	84.8	88.8	89.7	91.1	92.4	92.8	92.9	93.1	93.1	93.3	93.3	93.3	93.3
GE 400	74.0	78.6	81.4	85.1	89.3	90.8	92.3	94.2	95.3	95.4	95.7	95.7	95.9	95.9	95.9	95.9
GE 300	74.0	78.6	81.4	85.1	89.6	91.0	92.6	94.4	95.8	96.0	96.6	96.6	96.8	96.8	96.9	97.1
GE 200	74.0	78.6	81.4	85.1	89.6	91.0	92.6	94.4	95.9	96.6	97.2	97.6	98.0	98.0	98.1	98.4
GE 100	74.0	78.6	81.4	85.1	89.6	91.0	92.6	94.4	95.9	96.6	97.2	97.6	98.1	98.1	98.7	99.4
GE 000	74.0	78.6	81.4	85.1	89.6	91.0	92.6	94.4	95.9	96.6	97.2	97.6	98.1	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURS OF OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.3	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 20000	51.4	53.2	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 18000	51.8	53.6	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 16000	52.1	53.9	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	52.3	54.1	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	53.1	54.9	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 10000	54.9	56.7	57.2	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 9000	56.6	58.3	58.9	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 8000	58.9	60.9	61.6	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 7000	61.2	63.2	64.0	64.9	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 6000	62.6	64.6	65.3	66.2	66.4	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	63.9	66.2	67.4	68.3	68.7	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	64.3	66.7	68.1	69.2	69.6	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4000	66.8	69.1	70.6	71.7	72.1	72.2	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3500	69.0	71.4	73.0	74.2	74.7	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	71.6	74.1	75.8	77.1	77.6	77.8	77.9	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	73.3	76.0	77.9	79.6	80.4	80.8	80.9	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000	75.7	78.8	81.0	82.8	84.1	84.4	84.8	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	76.0	79.1	81.3	83.1	84.4	84.8	85.1	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1500	77.9	81.1	83.6	85.3	87.0	87.3	87.8	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	79.0	82.2	84.9	86.7	88.3	88.7	89.1	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	79.8	83.0	85.7	87.6	89.4	89.8	90.2	91.0	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	79.8	83.0	85.8	87.7	89.7	90.0	90.4	91.3	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	79.9	83.2	86.0	87.9	90.0	90.3	90.8	92.2	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	79.9	83.3	86.3	88.3	90.8	91.1	91.6	93.1	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	79.9	83.3	86.3	88.3	90.8	91.1	91.7	93.2	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 500	79.9	83.3	86.3	88.3	91.0	91.3	91.9	93.7	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	79.9	83.3	86.3	88.6	91.2	91.6	92.6	95.0	95.8	96.3	96.6	96.6	96.6	96.6	96.6	96.6
GE 300	79.9	83.3	86.3	88.6	91.2	91.6	92.7	96.2	97.2	98.0	98.6	98.6	98.7	98.7	98.7	98.7
GE 200	79.9	83.3	86.3	88.6	91.2	91.6	92.8	96.3	97.3	98.1	98.7	98.7	98.8	99.0	99.2	99.6
GE 100	79.9	83.3	86.3	88.6	91.2	91.6	92.8	96.3	97.3	98.1	98.7	98.7	98.9	99.1	99.4	99.8
GE 000	79.9	83.3	86.3	88.6	91.2	91.6	92.8	96.3	97.3	98.1	98.7	98.7	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 20000	49.8	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	50.1	51.1	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 16000	50.7	51.7	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 14000	51.4	52.4	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 12000	52.9	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 10000	54.7	55.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 9000	56.2	57.3	57.8	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 8000	57.6	59.0	59.6	59.8	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 7000	59.7	61.2	61.9	62.2	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 6000	61.2	62.8	63.4	63.9	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 5000	62.8	64.3	65.1	65.7	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4500	63.6	65.1	65.9	66.4	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4000	67.2	68.9	69.8	70.4	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3500	71.3	73.0	74.1	74.9	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	74.9	76.9	78.0	78.8	79.2	79.3	79.3	79.4	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	77.8	79.9	81.2	82.2	83.2	83.3	83.4	83.6	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	81.0	83.4	85.0	86.1	87.7	87.9	88.1	88.2	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	81.4	84.0	85.6	86.7	88.2	88.4	88.8	88.9	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3
GE 1500	82.3	85.0	86.6	87.7	89.3	89.6	90.1	90.2	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 1200	83.1	85.8	87.3	88.6	90.3	90.6	91.3	91.4	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	83.4	86.1	87.7	89.0	90.8	91.0	92.0	92.1	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	83.6	86.4	88.0	89.4	91.2	91.4	92.4	92.8	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4
GE 800	83.6	86.7	88.8	90.2	92.1	92.3	93.3	94.1	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8
GE 700	83.6	86.8	89.0	90.6	92.7	92.9	93.9	94.8	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	83.7	87.1	89.3	91.0	93.2	93.4	94.6	95.4	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	83.7	87.1	89.7	91.3	93.8	94.0	95.1	96.0	96.2	96.4	96.7	96.9	96.9	96.9	96.9	96.9
GE 400	83.7	87.1	89.7	91.3	93.8	94.1	95.3	96.6	97.0	97.3	97.6	97.8	97.8	97.8	97.8	97.8
GE 300	83.7	87.1	89.7	91.3	93.8	94.2	95.7	97.0	97.7	98.2	98.6	98.8	99.1	99.1	99.1	99.2
GE 200	83.7	87.1	89.7	91.3	93.8	94.2	95.7	97.0	97.7	98.3	98.7	98.9	99.3	99.4	99.7	99.8
GE 100	83.7	87.1	89.7	91.3	93.8	94.2	95.7	97.0	97.7	98.3	98.7	98.9	99.3	99.4	99.8	100.0
GE 000	83.7	87.1	89.7	91.3	93.8	94.2	95.7	97.0	97.7	98.3	98.7	98.9	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 15-17

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.8	44.4	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000	49.1	50.3	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000	49.4	50.7	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 16000	49.9	51.1	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 14000	50.6	51.8	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 12000	52.3	53.6	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 10000	54.9	56.3	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 9000	55.4	56.9	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 8000	57.8	59.3	60.4	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 7000	60.3	62.1	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 6000	61.3	63.1	64.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 5000	62.9	64.8	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4500	63.8	65.7	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4000	68.3	70.7	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3500	71.6	74.0	75.4	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000	75.0	77.4	78.9	79.8	79.9	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2500	79.0	81.8	83.3	84.4	84.7	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	80.6	83.9	85.7	86.9	87.2	87.3	87.9	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	81.0	84.4	86.2	87.6	87.9	88.0	88.8	88.9	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.3
GE 1500	81.6	85.2	87.3	89.0	89.8	90.0	90.8	91.1	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	81.8	85.4	87.7	89.6	90.7	90.9	91.7	92.0	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4
GE 1000	81.9	85.7	87.9	89.8	91.6	91.8	92.8	93.1	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	81.9	85.8	88.1	90.1	91.9	92.2	93.4	93.9	94.0	94.3	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	82.1	86.0	88.3	90.3	92.2	92.6	93.8	94.2	94.4	94.8	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	82.1	86.0	88.3	90.6	92.6	92.9	94.2	94.9	95.1	95.4	95.9	95.9	95.9	95.9	96.0	96.0
GE 600	82.1	86.0	88.3	90.6	92.7	93.0	94.4	95.2	95.4	95.8	96.2	96.2	96.2	96.2	96.3	96.3
GE 500	82.1	86.0	88.4	90.7	92.9	93.3	95.0	96.0	96.2	96.6	97.1	97.2	97.2	97.2	97.3	97.3
GE 400	82.1	86.0	88.4	90.8	93.0	93.4	95.2	96.4	96.7	97.0	97.6	97.7	97.8	97.8	97.9	97.9
GE 300	82.1	86.0	88.4	90.8	93.0	93.4	95.3	96.6	97.0	97.3	97.9	98.0	98.2	98.3	98.6	98.7
GE 200	82.1	86.0	88.4	90.8	93.1	93.6	95.7	97.1	97.7	98.1	98.7	98.9	99.1	99.2	99.4	99.6
GE 100	82.1	86.0	88.4	90.8	93.1	93.6	95.7	97.1	97.7	98.1	98.7	98.9	99.1	99.2	99.6	100.0
GE 000	82.1	86.0	88.4	90.8	93.1	93.6	95.7	97.1	97.7	98.1	98.7	98.9	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.7	46.0	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 20000	50.3	51.9	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 18000	50.8	52.3	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 16000	50.8	52.3	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 14000	51.2	52.8	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 12000	53.0	54.7	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 10000	56.2	57.9	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 9000	57.8	59.4	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 8000	60.7	62.4	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000	62.9	65.1	66.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 6000	63.8	66.1	67.4	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	65.6	67.9	69.2	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4500	66.1	68.4	69.9	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4000	70.7	73.0	74.4	75.4	75.4	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3500	72.2	74.6	76.0	77.2	77.4	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3000	76.3	78.7	80.3	81.6	82.1	82.3	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	78.7	81.6	83.3	84.8	85.9	86.1	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2000	79.4	82.7	84.4	86.1	87.4	87.7	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	79.4	82.8	84.7	86.3	87.7	87.9	88.9	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	79.8	83.3	85.2	87.0	88.4	88.7	89.8	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	80.2	83.8	85.7	87.4	89.3	89.6	90.8	91.3	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	80.4	84.1	86.2	88.2	90.1	90.3	91.7	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 900	80.7	84.4	86.7	88.7	90.6	90.8	92.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	80.8	84.7	86.9	89.1	91.1	91.3	92.9	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 700	80.8	84.7	87.0	89.2	91.3	91.6	93.1	94.2	94.3	94.8	95.1	95.1	95.1	95.1	95.1	95.1
GE 600	80.8	84.7	87.0	89.2	91.6	91.8	93.3	94.7	94.8	95.3	95.7	95.8	95.9	95.9	95.9	95.9
GE 500	80.8	84.7	87.1	89.3	91.8	92.1	93.7	95.2	95.3	95.9	96.2	96.3	96.4	96.4	96.4	96.4
GE 400	80.8	84.7	87.2	89.4	92.2	92.6	94.3	96.0	96.4	97.0	97.3	97.4	97.6	97.6	97.6	97.6
GE 300	80.8	84.8	87.4	89.7	92.4	92.8	95.0	96.7	97.6	98.2	98.6	98.7	98.8	98.8	98.8	98.8
GE 200	80.8	84.8	87.4	89.7	92.4	92.8	95.0	97.0	97.9	98.6	99.2	99.3	99.8	99.8	99.9	99.9
GE 100	80.8	84.8	87.4	89.7	92.4	92.8	95.0	97.0	97.9	98.7	99.3	99.4	99.9	99.9	100.0	100.0
GE 000	80.8	84.8	87.4	89.7	92.4	92.8	95.0	97.0	97.9	98.7	99.3	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	50.0	50.4	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.0
GE 20000	52.0	53.0	53.4	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.4
GE 18000	52.2	53.2	53.7	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.7
GE 16000	52.3	53.3	53.8	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8
GE 14000	53.0	54.2	54.7	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.7
GE 12000	53.6	54.8	55.2	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.2
GE 10000	56.4	57.8	58.2	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2
GE 9000	57.4	58.8	59.2	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.4
GE 8000	60.7	62.0	62.4	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.7
GE 7000	64.1	65.4	66.6	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0
GE 6000	65.6	67.0	68.2	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.7
GE 5000	67.6	69.0	70.2	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.7
GE 4500	69.0	70.4	71.9	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4
GE 4000	73.8	75.4	76.9	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.7
GE 3500	76.7	78.3	79.8	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.6
GE 3000	78.8	80.6	82.1	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2
GE 2500	80.3	82.4	84.7	85.8	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3
GE 2000	80.8	83.1	85.7	87.0	88.2	88.2	88.4	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	89.0
GE 1800	80.8	83.1	85.7	87.0	88.2	88.3	88.6	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.1
GE 1500	81.2	83.6	86.4	88.0	89.2	89.3	89.6	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.1
GE 1200	82.2	84.6	87.4	89.0	90.6	90.7	90.9	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.4
GE 1000	82.3	84.7	87.6	89.2	90.8	90.9	91.2	91.4	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.9
GE 900	82.4	84.8	87.8	89.8	91.3	91.4	91.8	92.1	92.1	92.4	92.7	92.7	92.7	92.7	92.7	92.8
GE 800	82.6	84.9	87.9	89.9	91.4	91.6	91.9	92.3	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.4
GE 700	82.6	84.9	87.9	89.9	91.4	91.7	92.0	92.6	92.9	93.3	93.8	93.8	93.8	93.8	93.8	93.9
GE 600	82.7	85.0	88.0	90.0	91.7	92.1	92.8	93.3	93.7	94.1	94.8	94.8	94.8	94.8	94.8	94.9
GE 500	83.0	85.3	88.4	90.4	92.2	92.7	93.6	94.1	94.4	94.9	95.6	95.6	95.6	95.6	95.6	95.7
GE 400	83.0	85.4	88.6	90.6	92.4	93.0	94.0	94.7	95.1	95.7	96.4	96.4	96.6	96.6	96.6	96.7
GE 300	83.0	85.6	88.7	90.7	93.0	93.6	94.8	95.6	96.0	96.6	97.4	97.4	97.6	97.6	97.6	97.7
GE 200	83.0	85.6	88.7	90.7	93.0	93.7	95.0	96.0	96.4	97.0	98.1	98.3	98.8	98.8	99.0	99.1
GE 100	83.0	85.6	88.7	90.7	93.0	93.7	95.0	96.0	96.6	97.2	98.3	98.6	99.1	99.1	99.3	99.9
GE 000	83.0	85.6	88.7	90.7	93.0	93.7	95.0	96.0	96.6	97.2	98.3	98.6	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.5	47.6	48.1	48.4	48.6	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	49.0
GE 20000	50.3	51.7	52.3	52.8	53.0	53.0	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4
GE 18000	50.5	51.9	52.6	53.0	53.3	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.7
GE 16000	50.7	52.1	52.8	53.2	53.5	53.5	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8
GE 14000	51.1	52.6	53.2	53.6	53.9	53.9	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3
GE 12000	52.1	53.6	54.3	54.7	55.0	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3
GE 10000	54.2	55.8	56.5	57.0	57.4	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7
GE 9000	55.4	57.1	57.9	58.5	58.9	58.9	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.3	59.3
GE 8000	58.1	59.9	60.9	61.6	62.1	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.5
GE 7000	60.5	62.5	63.6	64.5	65.1	65.1	65.2	65.3	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.6
GE 6000	61.9	63.9	65.1	66.0	66.6	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1
GE 5000	63.6	65.7	67.0	68.0	68.6	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.1	69.1
GE 4500	65.0	67.2	68.6	69.6	70.2	70.3	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.7
GE 4000	68.8	71.2	72.8	73.9	74.6	74.7	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2
GE 3500	71.1	73.6	75.3	76.5	77.3	77.4	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9
GE 3000	74.1	76.8	78.7	79.9	80.9	81.0	81.1	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7
GE 2500	76.1	79.1	81.1	82.6	83.9	84.0	84.3	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.9	84.9
GE 2000	77.6	80.8	83.1	84.7	86.2	86.3	86.7	87.1	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.6
GE 1800	77.8	81.1	83.4	85.0	86.5	86.7	87.1	87.5	87.6	87.8	87.9	87.9	87.9	87.9	88.0	88.0
GE 1500	78.7	82.0	84.6	86.3	88.0	88.2	88.7	89.2	89.3	89.5	89.6	89.6	89.6	89.6	89.7	89.7
GE 1200	79.3	82.7	85.3	87.0	88.9	89.1	89.7	90.2	90.4	90.6	90.7	90.7	90.7	90.7	90.8	90.8
GE 1000	79.7	83.0	85.7	87.5	89.5	89.7	90.4	90.9	91.2	91.3	91.5	91.5	91.5	91.5	91.6	91.6
GE 900	79.7	83.2	85.9	87.9	89.9	90.1	90.9	91.6	91.9	92.1	92.3	92.3	92.3	92.3	92.4	92.4
GE 800	79.8	83.4	86.2	88.2	90.3	90.5	91.3	92.3	92.6	92.8	93.0	93.0	93.0	93.0	93.1	93.1
GE 700	79.8	83.4	86.3	88.4	90.6	90.9	91.8	92.8	93.1	93.4	93.6	93.6	93.7	93.7	93.8	93.8
GE 600	79.9	83.5	86.5	88.6	91.0	91.3	92.3	93.3	93.7	94.0	94.3	94.3	94.4	94.4	94.5	94.5
GE 500	80.0	83.6	86.7	88.9	91.5	91.8	93.0	94.3	94.6	94.9	95.2	95.3	95.4	95.4	95.5	95.5
GE 400	80.0	83.6	86.8	89.0	91.8	92.2	93.6	95.2	95.8	96.2	96.5	96.6	96.7	96.7	96.8	96.9
GE 300	80.0	83.7	86.8	89.1	92.0	92.4	94.0	95.8	96.7	97.2	97.7	97.8	98.0	98.0	98.2	98.3
GE 200	80.0	83.7	86.8	89.1	92.1	92.5	94.2	96.2	97.0	97.7	98.3	98.5	98.8	98.9	99.2	99.3
GE 100	80.0	83.7	86.8	89.1	92.1	92.5	94.2	96.2	97.1	97.8	98.4	98.5	99.0	99.1	99.4	99.8
GE 000	80.0	83.7	86.8	89.1	92.1	92.5	94.2	96.2	97.1	97.8	98.4	98.5	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.3	55.5	57.1	58.1	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6
GE 20000	55.9	58.4	60.1	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6
GE 18000	55.9	58.4	60.1	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6
GE 16000	55.9	58.4	60.1	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6
GE 14000	56.1	58.6	60.3	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8	61.8	61.8
GE 12000	57.2	59.8	61.6	62.6	62.6	62.6	62.9	63.1	63.1	63.1	63.1	63.1	63.3	63.3	63.3	63.3
GE 10000	59.6	62.3	64.4	65.4	65.4	65.4	65.7	65.9	65.9	65.9	65.9	65.9	66.3	66.3	66.3	66.3
GE 9000	60.9	63.9	66.0	67.0	67.0	67.0	67.3	67.5	67.5	67.5	67.5	67.5	68.0	68.0	68.0	68.0
GE 8000	65.9	68.9	71.2	72.3	72.3	72.4	72.7	72.9	72.9	72.9	72.9	72.9	73.3	73.3	73.3	73.3
GE 7000	67.0	70.2	72.6	73.8	73.8	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.9	74.9	74.9	74.9
GE 6000	67.7	71.2	73.9	75.1	75.1	75.2	75.5	75.8	75.8	75.8	75.8	75.8	76.2	76.2	76.2	76.2
GE 5000	69.5	73.1	76.0	77.7	77.7	77.8	78.2	78.5	78.5	78.5	78.5	78.5	78.9	78.9	78.9	78.9
GE 4500	70.5	74.3	77.3	79.1	79.1	79.2	79.6	80.0	80.0	80.0	80.0	80.0	80.4	80.4	80.4	80.4
GE 4000	73.4	77.7	80.9	82.8	82.9	83.1	83.4	83.9	83.9	83.9	83.9	83.9	84.3	84.3	84.3	84.3
GE 3500	74.0	78.5	81.6	83.7	83.8	84.0	84.3	84.7	84.7	84.7	84.7	84.7	85.2	85.2	85.2	85.2
GE 3000	75.4	80.0	83.3	85.5	85.7	85.9	86.2	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1
GE 2500	76.3	81.1	84.6	86.9	87.2	87.4	88.1	88.5	88.5	88.5	88.5	88.5	88.9	88.9	88.9	88.9
GE 2000	76.7	81.6	85.4	87.6	88.0	88.3	89.1	89.6	89.6	89.8	89.8	89.8	90.2	90.2	90.2	90.2
GE 1800	76.7	81.6	85.4	87.6	88.0	88.3	89.1	89.6	89.6	89.8	89.8	89.8	90.2	90.2	90.2	90.2
GE 1500	76.8	81.7	85.5	87.7	88.2	88.6	89.5	90.1	90.2	90.4	90.4	90.4	90.9	90.9	90.9	90.9
GE 1200	77.1	82.0	86.1	88.5	88.9	89.4	90.2	90.9	91.0	91.2	91.2	91.2	91.6	91.6	91.6	91.6
GE 1000	77.1	82.0	86.3	88.8	89.5	89.9	90.9	91.6	91.7	92.0	92.0	92.0	92.5	92.5	92.5	92.5
GE 900	77.2	82.5	86.8	89.2	89.9	90.3	91.4	92.2	92.3	92.6	92.6	92.6	93.0	93.0	93.0	93.0
GE 800	77.2	82.6	87.1	89.6	90.4	91.0	92.2	93.1	93.2	93.5	93.5	93.5	94.0	94.0	94.0	94.0
GE 700	77.2	82.7	87.2	89.7	90.6	91.2	92.5	93.4	93.5	93.9	93.9	93.9	94.3	94.3	94.3	94.3
GE 600	77.2	82.7	87.5	90.0	91.1	91.6	92.9	93.9	94.0	94.3	94.3	94.3	94.7	94.7	94.7	94.8
GE 500	77.3	82.8	87.8	90.3	91.5	92.2	93.5	94.5	94.6	95.1	95.1	95.1	95.5	95.5	95.5	95.6
GE 400	77.3	82.8	87.8	90.4	91.7	92.5	94.1	95.3	95.5	96.1	96.1	96.1	96.6	96.6	96.6	96.7
GE 300	77.5	83.0	88.1	90.8	92.2	92.9	95.3	96.6	97.0	98.0	98.2	98.3	98.8	98.9	99.0	99.2
GE 200	77.5	83.0	88.1	90.8	92.2	92.9	95.3	96.6	97.0	98.1	98.3	98.4	99.1	99.2	99.6	99.8
GE 100	77.5	83.0	88.1	90.8	92.2	92.9	95.3	96.6	97.0	98.2	98.4	98.5	99.2	99.4	99.7	100.0
GE 000	77.5	83.0	88.1	90.8	92.2	92.9	95.3	96.6	97.0	98.2	98.4	98.5	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.7	50.5	52.6	53.4	54.2	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.9	54.9	54.9	54.9
GE 20000	51.8	54.0	56.3	57.3	58.2	58.2	58.6	58.6	58.6	58.7	58.8	58.8	59.2	59.2	59.2	59.2
GE 18000	51.8	54.0	56.3	57.3	58.2	58.2	58.6	58.6	58.6	58.7	58.8	58.8	59.2	59.2	59.2	59.2
GE 16000	51.9	54.1	56.5	57.4	58.3	58.3	58.7	58.7	58.7	58.8	58.9	58.9	59.4	59.4	59.4	59.4
GE 14000	51.9	54.1	56.5	57.4	58.3	58.3	58.7	58.7	58.7	58.8	58.9	58.9	59.4	59.4	59.4	59.4
GE 12000	53.8	55.9	58.3	59.4	60.2	60.2	60.6	60.6	60.6	60.8	60.9	61.0	61.4	61.4	61.4	61.4
GE 10000	55.3	57.6	60.0	61.1	61.9	61.9	62.4	62.5	62.5	62.6	62.7	62.8	63.2	63.2	63.2	63.2
GE 9000	56.1	58.7	61.2	62.3	63.1	63.1	63.5	63.7	63.7	63.8	63.9	64.0	64.4	64.4	64.4	64.4
GE 8000	60.4	63.1	66.0	67.1	68.0	68.0	68.4	68.5	68.5	68.6	68.7	68.8	69.2	69.2	69.2	69.2
GE 7000	62.6	65.3	68.2	69.4	70.2	70.3	70.8	71.1	71.1	71.2	71.3	71.4	71.8	71.8	71.8	71.8
GE 6000	63.2	66.0	69.4	70.6	71.5	71.6	72.2	72.6	72.6	72.7	72.8	72.9	73.3	73.3	73.3	73.3
GE 5000	65.3	68.4	72.2	73.5	74.4	74.5	75.1	75.5	75.5	75.6	75.7	75.8	76.2	76.2	76.2	76.2
GE 4500	66.7	69.8	73.5	75.1	75.9	76.0	76.6	77.1	77.1	77.2	77.3	77.4	77.8	77.8	77.8	77.8
GE 4000	69.7	73.0	77.4	79.0	80.2	80.3	81.1	81.6	81.6	81.7	81.8	82.0	82.5	82.5	82.5	82.5
GE 3500	69.9	73.4	78.0	79.6	80.9	81.0	81.7	82.3	82.3	82.4	82.5	82.7	83.1	83.1	83.1	83.1
GE 3000	70.9	74.7	79.2	81.0	82.3	82.4	83.1	83.9	83.9	84.1	84.2	84.4	84.8	84.8	84.8	84.8
GE 2500	71.8	75.7	80.4	82.3	83.9	84.0	85.1	85.8	85.8	86.0	86.1	86.3	86.8	86.8	86.8	86.8
GE 2000	72.9	76.8	81.5	83.3	85.1	85.2	86.3	87.1	87.1	87.3	87.4	87.6	88.1	88.1	88.1	88.1
GE 1800	73.2	77.1	82.0	83.9	85.6	85.7	86.9	87.6	87.6	87.8	88.0	88.2	88.6	88.6	88.6	88.6
GE 1500	73.7	77.5	82.5	84.4	86.3	86.6	87.7	88.5	88.5	88.7	88.8	89.0	89.5	89.5	89.5	89.5
GE 1200	74.3	78.2	83.1	85.2	87.2	87.5	88.7	89.5	89.5	89.7	89.8	90.0	90.4	90.4	90.4	90.4
GE 1000	74.5	78.7	83.9	85.9	88.3	88.8	90.0	90.8	90.8	91.0	91.1	91.3	91.7	91.7	91.7	91.7
GE 900	74.6	78.8	84.1	86.1	88.5	89.0	90.2	91.0	91.0	91.2	91.3	91.5	91.9	91.9	91.9	91.9
GE 800	74.6	78.8	84.1	86.1	88.5	89.0	90.2	91.0	91.0	91.3	91.5	91.7	92.2	92.2	92.2	92.2
GE 700	74.6	78.9	84.2	86.2	88.6	89.2	90.4	91.4	91.4	91.7	91.9	92.2	92.6	92.6	92.6	92.6
GE 600	74.6	78.9	84.2	86.2	89.0	89.8	91.0	92.0	92.2	92.6	92.8	93.0	93.4	93.4	93.4	93.4
GE 500	74.6	78.9	84.3	86.5	89.2	90.2	91.5	92.8	93.0	93.4	93.7	93.9	94.3	94.3	94.3	94.3
GE 400	74.7	79.1	84.8	87.2	90.2	91.2	92.9	94.5	95.1	95.5	95.7	95.9	96.3	96.5	96.5	96.5
GE 300	74.8	79.2	84.9	87.3	90.3	91.4	93.3	95.3	95.8	96.3	97.1	97.4	98.2	98.4	98.5	98.7
GE 200	74.8	79.2	84.9	87.4	90.4	91.5	93.4	95.4	96.0	96.7	97.4	97.7	98.6	99.0	99.4	99.7
GE 100	74.8	79.2	84.9	87.4	90.4	91.5	93.4	95.4	96.0	96.7	97.4	97.7	98.6	99.0	99.6	100.0
GE 000	74.8	79.2	84.9	87.4	90.4	91.5	93.4	95.4	96.0	96.7	97.4	97.7	98.6	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	45.8	46.6	47.0	48.1	48.1	48.2	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.6	48.8
GE 20000	47.4	50.4	51.4	51.9	53.1	53.1	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.5	54.0	54.3
GE 18000	47.7	50.8	51.7	52.3	53.4	53.4	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.9	54.3	54.6
GE 16000	47.7	50.8	51.7	52.3	53.4	53.4	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.9	54.3	54.6
GE 14000	48.0	51.0	51.9	52.5	53.7	53.7	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.5	54.8
GE 12000	49.9	52.9	53.9	54.4	55.7	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.7	57.0
GE 10000	51.7	55.4	56.6	57.1	58.4	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.9	59.4	59.7
GE 9000	52.9	56.7	58.0	58.5	59.8	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.9	61.2
GE 8000	57.5	61.8	63.8	64.4	65.8	65.9	66.1	66.2	66.3	66.7	66.7	66.7	66.7	66.8	67.2	67.5
GE 7000	59.8	64.3	66.2	67.2	68.6	68.7	69.0	69.4	69.5	69.8	69.8	69.8	69.8	69.9	70.3	70.6
GE 6000	60.6	65.4	67.3	68.5	70.1	70.2	70.6	71.0	71.1	71.4	71.4	71.4	71.4	71.5	71.9	72.3
GE 5000	61.9	67.1	69.2	70.5	72.2	72.3	72.7	73.0	73.1	73.4	73.4	73.4	73.4	73.5	74.0	74.3
GE 4500	62.8	68.0	70.3	71.7	73.7	73.8	74.2	74.6	74.7	75.1	75.1	75.1	75.1	75.2	75.6	75.9
GE 4000	65.1	70.8	73.3	75.1	77.3	77.5	78.1	78.7	78.8	79.1	79.1	79.1	79.1	79.2	79.8	80.2
GE 3500	65.5	71.5	74.1	76.0	78.4	78.6	79.1	79.8	79.9	80.2	80.2	80.2	80.2	80.3	80.9	81.3
GE 3000	65.9	71.9	74.7	76.9	79.2	79.5	80.1	80.8	80.9	81.2	81.2	81.2	81.2	81.3	81.8	82.3
GE 2500	67.3	73.3	76.2	78.4	80.8	81.1	81.7	82.5	82.6	82.9	82.9	82.9	82.9	83.0	83.5	84.0
GE 2000	69.1	75.3	78.2	80.4	82.9	83.2	83.9	84.7	84.8	85.3	85.3	85.3	85.3	85.4	85.9	86.3
GE 1800	69.5	75.6	78.6	80.9	83.3	83.7	84.3	85.2	85.4	85.8	85.8	85.8	85.8	85.9	86.5	86.9
GE 1500	70.2	76.3	79.5	81.8	84.5	84.8	85.5	86.3	86.6	87.0	87.0	87.0	87.1	87.2	87.7	88.2
GE 1200	70.8	77.0	80.2	82.7	85.4	85.8	86.5	87.3	87.5	88.1	88.1	88.1	88.2	88.3	88.8	89.2
GE 1000	71.1	77.3	80.5	83.1	86.1	86.6	87.3	88.3	88.5	89.0	89.0	89.0	89.1	89.2	89.8	90.2
GE 900	71.2	77.4	80.6	83.2	86.2	86.7	87.4	88.5	88.8	89.4	89.5	89.5	89.6	89.7	90.2	90.6
GE 800	71.2	77.4	80.6	83.2	86.2	86.7	87.6	88.7	89.0	89.6	89.8	89.8	89.9	90.0	90.5	91.0
GE 700	71.2	77.6	81.1	83.9	87.2	87.6	88.9	90.1	90.4	91.0	91.2	91.2	91.3	91.4	91.9	92.4
GE 600	71.2	77.6	81.2	84.0	87.4	87.8	89.1	90.4	90.8	91.3	91.5	91.5	91.6	91.7	92.3	92.7
GE 500	71.3	77.7	81.5	84.7	88.3	88.9	90.3	91.8	92.4	93.2	93.4	93.4	93.5	93.7	94.2	94.6
GE 400	71.5	78.0	81.9	85.5	89.2	89.9	91.5	93.5	94.1	95.2	95.4	95.4	95.6	95.7	96.3	96.8
GE 300	71.5	78.0	81.9	85.6	89.4	90.1	91.7	94.1	94.6	95.8	96.1	96.2	96.8	96.9	97.5	98.1
GE 200	71.5	78.0	81.9	85.6	89.5	90.2	91.9	94.4	94.9	96.1	96.5	96.8	97.3	97.4	98.3	99.1
GE 100	71.5	78.0	81.9	85.6	89.5	90.2	91.9	94.4	94.9	96.1	96.5	96.8	97.3	97.4	98.6	99.9
GE 000	71.5	78.0	81.9	85.6	89.5	90.2	91.9	94.4	94.9	96.1	96.5	96.8	97.3	97.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.9	53.7	53.9	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	55.1	56.9	57.3	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 18000	55.2	57.0	57.4	57.5	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	55.4	57.2	57.6	57.7	57.7	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 14000	56.0	57.8	58.3	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	57.0	59.0	59.5	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	59.7	62.3	62.8	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	60.6	63.3	63.9	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	64.2	67.6	68.5	68.6	68.7	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 7000	65.9	69.7	71.0	71.1	71.2	71.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 6000	66.6	70.6	71.9	72.0	72.0	72.0	72.0	72.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	67.6	72.0	73.5	74.0	74.6	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4500	68.1	72.6	74.1	74.5	75.2	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4000	69.1	74.1	75.9	76.6	77.3	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	69.9	74.9	76.8	77.5	78.3	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3000	71.6	76.9	78.8	79.7	80.4	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2500	73.4	78.7	80.6	81.9	82.9	83.3	83.3	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2000	76.3	82.2	84.2	85.5	86.6	87.0	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	76.7	82.6	84.6	85.9	87.0	87.4	87.5	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1500	77.8	84.2	86.5	87.8	88.9	89.4	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	78.9	85.3	87.6	89.1	90.3	90.8	90.9	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4
GE 1000	79.1	85.5	88.0	89.6	91.1	91.5	91.8	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 900	79.2	85.7	88.2	89.8	91.3	91.7	92.0	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6
GE 800	79.6	86.0	88.7	90.4	92.0	92.5	92.8	93.2	93.3	93.5	93.7	93.7	93.8	93.8	93.8	93.8
GE 700	79.6	86.0	88.7	90.4	92.3	92.7	93.2	93.8	93.9	94.2	94.4	94.4	94.5	94.5	94.5	94.5
GE 600	79.7	86.1	88.8	90.5	92.6	93.0	93.5	94.1	94.2	94.6	94.8	94.8	94.9	94.9	94.9	94.9
GE 500	80.1	86.7	89.5	91.3	93.5	94.1	94.6	95.3	95.4	95.8	96.1	96.1	96.2	96.2	96.3	96.3
GE 400	80.2	86.9	89.8	91.6	94.2	94.8	95.7	96.7	97.1	97.8	98.4	98.4	98.6	98.6	98.7	98.7
GE 300	80.2	86.9	89.8	91.6	94.2	94.8	95.7	96.9	97.4	98.3	98.9	98.9	99.1	99.1	99.2	99.2
GE 200	80.2	86.9	89.8	91.6	94.2	94.8	95.7	96.9	97.4	98.4	99.4	99.4	99.8	99.8	100.0	100.0
GE 100	80.2	86.9	89.8	91.6	94.2	94.8	95.7	96.9	97.4	98.4	99.4	99.4	99.8	99.8	100.0	100.0
GE 000	80.2	86.9	89.8	91.6	94.2	94.8	95.7	96.9	97.4	98.4	99.4	99.4	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.4	50.5	51.1	51.3	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	55.1	57.5	58.2	58.5	58.9	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 18000	55.6	58.1	58.8	59.1	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 16000	55.7	58.2	58.9	59.2	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	56.6	59.1	59.9	60.2	60.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	57.0	59.6	60.3	60.6	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 10000	60.0	62.6	63.5	64.0	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000	60.5	63.3	64.4	65.2	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	61.8	65.2	66.2	67.0	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	62.8	66.5	67.5	68.3	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	63.4	67.1	68.4	69.4	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	64.6	68.6	70.0	71.1	71.7	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	65.5	69.7	71.1	72.2	72.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	67.6	71.9	73.7	75.1	75.8	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 3500	69.9	74.3	76.1	77.6	78.5	78.5	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	72.8	77.2	79.1	80.6	81.6	81.6	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2500	76.6	81.2	83.3	84.8	85.8	85.9	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	78.3	82.9	85.2	86.8	88.0	88.3	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	78.9	83.5	85.8	87.6	88.9	89.2	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	79.8	84.7	87.3	89.2	90.9	91.3	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	80.6	85.8	88.9	90.9	92.6	93.0	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	80.9	86.5	89.7	91.7	93.7	94.1	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	81.2	86.9	90.2	92.3	94.5	94.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	81.4	87.1	90.4	92.5	94.7	95.2	96.2	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	81.4	87.1	90.5	92.6	95.1	95.5	96.7	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	81.4	87.1	90.5	92.6	95.2	95.6	96.8	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	81.4	87.1	90.6	92.8	95.4	95.8	97.0	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	81.5	87.2	90.8	92.9	95.8	96.3	97.8	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	81.5	87.2	90.8	92.9	95.8	96.3	97.8	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	81.5	87.2	90.8	92.9	95.8	96.3	97.8	98.8	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.5	87.2	90.8	92.9	95.8	96.3	97.8	98.8	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.5	87.2	90.8	92.9	95.8	96.3	97.8	98.8	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	49.1	49.9	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	55.3	58.0	59.5	60.0	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	55.7	58.4	59.9	60.5	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	55.7	58.5	60.0	60.6	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	56.0	59.1	60.6	61.3	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 12000	57.2	60.5	62.2	62.8	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 10000	58.6	62.2	63.8	64.4	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	59.5	63.1	64.8	65.9	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 8000	61.6	65.8	67.8	69.0	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 7000	62.9	67.4	69.6	70.8	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 6000	63.3	67.8	70.0	71.3	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 5000	65.7	70.3	72.5	73.9	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	66.7	71.7	74.0	75.6	76.2	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4000	69.5	75.6	78.1	79.7	80.3	80.3	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3500	71.2	77.7	80.4	82.2	82.8	82.8	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	73.7	80.2	83.0	84.7	85.5	85.5	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500	75.6	82.2	85.2	87.0	87.7	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2000	77.4	84.0	87.3	89.5	90.4	90.6	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	77.5	84.1	87.4	89.6	90.6	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	78.2	85.3	89.0	91.5	92.8	93.2	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	78.7	85.8	90.4	92.9	94.3	94.7	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	78.7	85.8	90.5	93.1	94.7	95.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	78.9	86.2	91.2	93.9	95.5	96.0	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	78.9	86.3	91.3	94.0	95.7	96.2	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	79.0	86.6	91.8	94.5	96.3	96.9	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	79.2	86.8	92.2	95.3	97.2	97.8	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	79.2	86.9	92.4	95.5	97.4	98.1	98.4	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	79.2	86.9	92.4	95.6	97.6	98.3	98.6	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	79.2	86.9	92.4	95.7	97.7	98.4	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	79.2	86.9	92.4	95.7	97.7	98.4	98.7	99.5	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0
GE 100	79.2	86.9	92.4	95.7	97.7	98.4	98.7	99.5	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0
GE 000	79.2	86.9	92.4	95.7	97.7	98.4	98.7	99.5	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	51.5	52.3	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	55.5	58.8	60.5	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 18000	55.5	58.8	60.5	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	55.6	58.9	60.6	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 14000	56.2	59.7	61.4	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000	58.0	61.7	63.5	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	60.0	64.1	66.3	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 9000	60.9	64.9	67.3	68.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 8000	63.8	68.3	70.6	71.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	65.7	70.8	73.2	74.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	66.3	71.4	73.9	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 5000	67.6	72.8	75.7	76.8	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4500	68.2	73.4	76.5	77.8	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4000	72.2	77.7	81.1	82.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	73.3	79.0	82.4	83.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	75.1	80.9	84.5	85.9	88.1	88.1	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500	76.5	82.3	86.1	87.5	90.0	90.0	90.4	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	77.6	83.4	87.5	89.0	91.8	91.8	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	78.2	84.0	88.2	89.7	92.5	92.5	92.9	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	78.4	84.4	88.7	90.2	93.0	93.1	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	78.6	84.9	89.4	91.0	93.8	93.9	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	78.7	85.1	89.5	91.2	94.2	94.4	94.8	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	78.9	85.4	90.0	91.7	94.7	95.1	95.6	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	79.0	85.5	90.3	92.0	95.1	95.5	96.0	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	79.0	85.6	90.5	92.4	95.5	95.9	96.5	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	79.0	85.8	90.8	92.8	96.0	96.5	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	79.0	85.8	90.8	92.8	96.1	96.6	97.2	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	79.0	85.8	90.8	92.8	96.5	96.9	97.6	98.3	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.7
GE 300	79.0	85.8	90.8	92.8	96.5	96.9	97.6	98.7	98.7	99.1	99.1	99.1	99.6	99.6	99.7	99.7
GE 200	79.0	85.8	90.8	92.8	96.5	96.9	97.6	98.7	98.7	99.1	99.1	99.1	99.7	99.7	99.9	99.9
GE 100	79.0	85.8	90.8	92.8	96.5	96.9	97.6	98.7	98.7	99.1	99.1	99.1	99.7	99.8	100.0	100.0
GE 000	79.0	85.8	90.8	92.8	96.5	96.9	97.6	98.7	98.7	99.1	99.1	99.1	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	55.4	55.9	56.3	56.7	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1
GE 20000	55.8	59.1	59.7	60.1	60.4	60.4	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0
GE 18000	55.9	59.2	59.8	60.2	60.5	60.5	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
GE 16000	55.9	59.2	59.8	60.2	60.5	60.5	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
GE 14000	56.1	59.5	60.0	60.4	60.8	60.8	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
GE 12000	58.3	61.8	62.5	62.9	63.2	63.2	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
GE 10000	60.3	64.4	65.2	65.6	65.9	65.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5
GE 9000	61.2	65.4	66.3	66.8	67.1	67.1	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
GE 8000	64.7	69.2	70.3	71.1	71.6	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2
GE 7000	66.1	70.9	72.0	72.8	73.3	73.3	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0
GE 6000	66.6	71.4	72.6	73.3	73.9	73.9	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
GE 5000	69.4	74.5	76.1	77.0	78.0	78.0	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
GE 4500	69.7	74.9	76.8	77.7	78.7	78.7	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4
GE 4000	73.5	79.8	81.9	82.9	84.2	84.3	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1
GE 3500	73.8	80.2	82.4	83.3	84.6	84.7	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
GE 3000	75.4	81.8	84.1	85.2	86.7	86.9	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0
GE 2500	76.9	83.3	85.9	87.1	88.6	89.0	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
GE 2000	77.6	84.1	87.0	88.3	90.0	90.4	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
GE 1800	77.7	84.2	87.1	88.4	90.1	90.5	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6
GE 1500	78.1	84.9	88.0	89.2	91.0	91.4	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
GE 1200	78.1	85.1	88.2	89.5	91.4	92.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
GE 1000	78.3	85.3	88.4	89.7	91.7	92.4	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0
GE 900	78.3	85.3	88.6	89.9	91.9	92.7	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3
GE 800	78.3	85.3	88.7	90.0	92.0	93.0	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6
GE 700	78.3	85.3	89.0	90.3	92.5	93.4	94.5	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.1
GE 600	78.3	85.4	89.4	90.8	93.0	94.0	95.1	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7
GE 500	78.4	85.6	89.6	91.1	93.3	94.3	95.4	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.1
GE 400	78.4	85.6	89.6	91.2	93.9	94.9	96.1	96.5	96.6	97.2	97.3	97.3	97.3	97.3	97.3	97.4
GE 300	78.4	85.6	89.6	91.2	94.0	95.2	96.3	97.0	97.1	98.1	98.4	98.4	98.5	98.5	98.5	98.6
GE 200	78.4	85.6	89.6	91.2	94.0	95.2	96.3	97.0	97.2	98.2	98.5	98.6	98.8	98.8	99.5	99.6
GE 100	78.4	85.6	89.6	91.2	94.0	95.2	96.3	97.0	97.2	98.2	98.5	98.6	98.8	98.9	99.7	100.0
GE 000	78.4	85.6	89.6	91.2	94.0	95.2	96.3	97.0	97.2	98.2	98.5	98.6	98.8	98.9	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.3	51.5	52.4	52.9	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.6
GE 20000	54.0	56.6	57.9	58.4	58.8	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.3	59.3
GE 18000	54.2	56.8	58.1	58.7	59.0	59.0	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.5	59.6
GE 16000	54.2	56.9	58.2	58.7	59.1	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.6	59.6
GE 14000	54.6	57.4	58.6	59.2	59.6	59.6	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.1	60.1
GE 12000	56.0	58.9	60.2	60.8	61.3	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.8	61.8
GE 10000	58.1	61.3	62.8	63.5	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.5	64.5	64.6
GE 9000	59.1	62.4	64.0	64.7	65.3	65.3	65.5	65.6	65.6	65.6	65.6	65.7	65.8	65.8	65.8	65.9
GE 8000	62.5	66.3	68.1	68.9	69.5	69.5	69.7	69.9	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.2
GE 7000	64.1	68.1	70.0	70.9	71.6	71.6	71.9	72.0	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.4
GE 6000	64.7	68.9	70.9	71.9	72.6	72.7	73.0	73.1	73.2	73.2	73.2	73.3	73.4	73.4	73.4	73.5
GE 5000	66.5	70.9	73.2	74.3	75.2	75.3	75.6	75.8	75.8	75.8	75.8	75.9	76.0	76.0	76.0	76.1
GE 4500	67.3	71.8	74.2	75.5	76.4	76.5	76.8	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.3	77.4
GE 4000	70.0	75.1	77.8	79.2	80.3	80.4	80.8	81.1	81.1	81.1	81.2	81.2	81.3	81.3	81.4	81.4
GE 3500	70.9	76.2	79.0	80.5	81.6	81.7	82.1	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.7	82.8
GE 3000	72.6	78.0	80.9	82.4	83.7	83.8	84.2	84.6	84.6	84.7	84.7	84.7	84.8	84.9	84.9	85.0
GE 2500	74.3	79.7	82.8	84.5	85.9	86.1	86.6	87.0	87.0	87.1	87.1	87.2	87.3	87.3	87.3	87.4
GE 2000	75.8	81.3	84.5	86.3	87.8	88.1	88.7	89.1	89.1	89.2	89.2	89.3	89.4	89.4	89.5	89.5
GE 1800	76.0	81.6	84.9	86.7	88.3	88.5	89.1	89.5	89.6	89.7	89.7	89.7	89.8	89.9	89.9	90.0
GE 1500	76.6	82.4	85.9	87.8	89.4	89.8	90.4	90.8	90.9	91.0	91.0	91.0	91.2	91.2	91.3	91.3
GE 1200	77.1	83.0	86.7	88.7	90.5	90.9	91.5	91.9	92.0	92.2	92.2	92.2	92.3	92.3	92.4	92.5
GE 1000	77.3	83.3	87.1	89.1	91.2	91.6	92.3	92.9	92.9	93.1	93.1	93.1	93.3	93.3	93.4	93.4
GE 900	77.4	83.5	87.5	89.5	91.6	92.1	92.8	93.4	93.5	93.6	93.7	93.7	93.8	93.8	93.9	94.0
GE 800	77.5	83.6	87.7	89.7	91.8	92.4	93.2	93.8	93.9	94.1	94.2	94.2	94.4	94.4	94.4	94.5
GE 700	77.5	83.7	87.9	90.0	92.3	92.8	93.7	94.4	94.5	94.7	94.8	94.8	95.0	95.0	95.1	95.1
GE 600	77.6	83.8	88.1	90.3	92.7	93.3	94.2	94.9	95.0	95.3	95.4	95.4	95.6	95.6	95.6	95.7
GE 500	77.7	83.9	88.3	90.6	93.1	93.8	94.7	95.6	95.7	96.0	96.2	96.2	96.3	96.4	96.4	96.5
GE 400	77.7	84.0	88.5	90.9	93.6	94.4	95.6	96.6	96.8	97.3	97.5	97.5	97.7	97.7	97.8	97.9
GE 300	77.8	84.1	88.5	91.0	93.8	94.5	95.8	97.1	97.4	98.1	98.4	98.5	98.8	98.9	99.0	99.1
GE 200	77.8	84.1	88.5	91.0	93.8	94.5	95.9	97.2	97.4	98.2	98.6	98.7	99.2	99.2	99.6	99.8
GE 100	77.8	84.1	88.5	91.0	93.8	94.5	95.9	97.2	97.4	98.2	98.6	98.8	99.2	99.3	99.7	100.0
GE 000	77.8	84.1	88.5	91.0	93.8	94.5	95.9	97.2	97.4	98.2	98.6	98.8	99.2	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.7	58.1	60.8	62.2	63.0	63.1	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.9
GE 20000	58.3	61.3	64.2	65.7	66.6	66.7	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.4
GE 18000	58.3	61.3	64.2	65.7	66.6	66.7	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.4
GE 16000	58.3	61.3	64.2	65.7	66.6	66.7	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.4
GE 14000	59.0	62.0	64.9	66.3	67.2	67.3	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.9	67.9	68.1
GE 12000	60.2	63.2	66.1	67.6	68.4	68.6	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.3
GE 10000	63.1	66.1	69.0	70.6	71.4	71.6	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.3
GE 9000	64.7	67.8	70.8	72.4	73.3	73.4	73.7	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.2
GE 8000	67.9	71.4	75.0	76.8	77.7	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.6
GE 7000	68.6	72.3	76.0	77.8	78.7	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.6
GE 6000	69.3	73.3	77.1	78.9	79.8	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.7
GE 5000	70.4	74.4	78.2	80.2	81.1	81.2	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	82.0
GE 4500	71.7	75.9	79.7	82.0	82.9	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.8
GE 4000	74.0	78.2	82.6	85.0	85.9	86.0	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	87.0
GE 3500	74.8	79.0	83.3	86.0	87.2	87.3	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.3
GE 3000	75.7	80.0	84.4	87.1	88.3	88.6	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.7
GE 2500	76.8	81.2	85.8	88.4	89.7	89.9	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	91.1
GE 2000	77.2	81.7	86.3	89.0	90.4	90.7	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9	92.1
GE 1800	77.3	81.8	86.4	89.1	90.6	90.8	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.2
GE 1500	78.0	82.4	87.2	89.9	91.4	91.8	92.7	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.2
GE 1200	78.2	82.7	87.4	90.3	91.9	92.2	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.7
GE 1000	78.6	83.0	87.8	90.8	92.3	92.7	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.1
GE 900	78.6	83.0	87.8	90.8	92.3	92.7	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.1
GE 800	78.7	83.3	88.1	91.1	92.7	93.0	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.4
GE 700	78.8	83.4	88.2	91.2	92.8	93.1	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.6
GE 600	78.8	83.4	88.2	91.2	92.8	93.1	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.6
GE 500	79.0	83.7	88.6	91.7	93.6	93.9	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.3
GE 400	79.1	83.8	88.7	92.2	94.1	94.4	95.4	95.6	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.3
GE 300	79.1	83.8	88.7	92.3	94.3	94.7	96.0	96.6	96.9	97.1	97.4	97.4	97.4	97.6	97.6	97.8
GE 200	79.1	83.8	88.7	92.3	94.3	94.8	96.1	96.9	97.7	98.1	98.4	98.6	98.6	98.7	98.9	99.3
GE 100	79.1	83.8	88.7	92.3	94.3	94.8	96.1	96.9	97.7	98.2	98.6	98.7	98.9	99.0	99.2	100.0
GE 000	79.1	83.8	88.7	92.3	94.3	94.8	96.1	96.9	97.7	98.2	98.6	98.7	98.9	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 03-05

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.4	51.9	53.6	56.2	57.3	57.6	57.9	58.3	58.6	58.8	58.8	58.9	59.0	59.0	59.0	59.3
GE 20000	52.4	54.9	57.2	60.1	61.4	61.7	62.0	62.4	62.7	62.9	62.9	63.1	63.2	63.2	63.2	63.7
GE 18000	52.4	54.9	57.2	60.1	61.4	61.7	62.0	62.4	62.7	62.9	62.9	63.1	63.2	63.2	63.2	63.7
GE 16000	52.4	54.9	57.2	60.1	61.4	61.7	62.0	62.4	62.7	62.9	62.9	63.1	63.2	63.2	63.2	63.7
GE 14000	53.0	55.4	57.8	60.7	62.0	62.2	62.6	63.0	63.2	63.4	63.4	63.7	63.8	63.8	63.8	64.2
GE 12000	54.4	56.9	59.2	62.1	63.4	63.7	64.0	64.4	64.7	64.9	64.9	65.1	65.2	65.2	65.2	65.7
GE 10000	58.3	60.9	63.4	66.7	68.0	68.2	68.7	69.1	69.3	69.6	69.6	69.8	69.9	69.9	69.9	70.3
GE 9000	59.7	62.2	65.0	68.2	69.6	69.8	70.2	70.7	70.9	71.1	71.1	71.3	71.4	71.4	71.4	71.9
GE 8000	63.6	66.4	69.2	72.7	74.0	74.4	74.9	75.3	75.6	75.8	75.8	76.0	76.1	76.1	76.1	76.6
GE 7000	64.3	67.3	70.2	73.7	75.3	75.8	76.2	76.7	76.9	77.1	77.1	77.3	77.4	77.4	77.4	77.9
GE 6000	65.0	68.3	71.4	75.0	76.7	77.1	77.6	78.0	78.2	78.4	78.4	78.7	78.8	78.8	78.8	79.2
GE 5000	66.2	69.6	73.0	76.7	78.6	79.1	79.7	80.1	80.3	80.6	80.6	80.8	80.9	80.9	80.9	81.3
GE 4500	67.6	70.9	74.6	78.4	80.3	80.9	81.4	82.0	82.2	82.4	82.4	82.7	82.8	82.8	82.8	83.2
GE 4000	69.2	72.6	76.4	80.6	82.8	83.4	84.0	84.6	84.8	85.0	85.0	85.2	85.3	85.3	85.3	85.8
GE 3500	70.3	73.8	77.7	81.9	84.1	84.8	85.3	85.9	86.2	86.4	86.4	86.7	86.8	86.8	86.8	87.2
GE 3000	70.8	74.2	78.2	82.6	85.0	85.7	86.2	86.8	87.2	87.4	87.4	87.7	87.8	87.8	87.8	88.2
GE 2500	72.0	75.6	79.6	84.1	86.6	87.2	87.8	88.3	88.8	89.0	89.0	89.2	89.3	89.3	89.3	89.8
GE 2000	72.9	76.6	80.7	85.2	87.7	88.3	88.9	89.4	89.9	90.1	90.1	90.3	90.4	90.4	90.4	90.9
GE 1800	73.4	77.1	81.2	85.8	88.2	88.9	89.4	90.0	90.4	90.7	90.7	90.9	91.0	91.0	91.0	91.4
GE 1500	74.0	77.7	81.8	86.3	88.8	89.7	90.4	91.0	91.4	91.7	91.7	91.9	92.0	92.0	92.0	92.4
GE 1200	74.6	78.2	82.4	87.0	89.4	90.3	91.1	91.7	92.2	92.4	92.4	92.7	92.8	92.8	92.8	93.2
GE 1000	75.1	78.8	83.0	87.6	90.0	91.0	91.8	92.3	92.9	93.2	93.2	93.4	93.6	93.6	93.6	94.0
GE 900	75.2	78.9	83.1	87.7	90.1	91.1	91.9	92.4	93.0	93.3	93.3	93.6	93.7	93.7	93.7	94.1
GE 800	75.4	79.2	83.4	88.0	90.4	91.4	92.2	92.8	93.3	93.7	93.7	93.9	94.0	94.0	94.0	94.4
GE 700	75.6	79.3	83.6	88.1	90.6	91.6	92.6	93.1	93.7	94.0	94.0	94.2	94.3	94.3	94.3	94.8
GE 600	75.8	79.6	83.9	88.4	90.9	91.9	92.9	93.4	94.0	94.3	94.3	94.6	94.7	94.7	94.7	95.1
GE 500	75.8	79.7	84.2	88.8	91.7	92.7	93.8	94.3	94.9	95.3	95.3	95.6	95.7	95.7	95.7	96.1
GE 400	75.8	79.7	84.2	88.8	91.7	92.8	94.1	94.8	95.3	95.8	95.8	96.0	96.1	96.1	96.1	96.6
GE 300	75.8	79.7	84.2	88.8	91.7	92.9	94.4	95.4	96.0	96.4	96.6	96.8	96.9	96.9	96.9	97.3
GE 200	75.8	79.7	84.2	88.8	91.8	93.0	94.6	96.0	96.9	97.4	97.6	97.8	98.1	98.1	98.1	98.6
GE 100	75.8	79.7	84.2	88.8	91.8	93.0	94.6	96.0	96.9	97.4	97.8	98.1	98.7	98.7	99.0	99.9
GE 000	75.8	79.7	84.2	88.8	91.8	93.0	94.6	96.0	96.9	97.4	97.8	98.1	98.7	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	50.6	52.3	53.2	54.3	54.4	55.1	55.3	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7
GE 20000	54.8	57.1	59.1	60.3	61.4	61.9	62.6	62.8	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.4
GE 18000	55.1	57.4	59.4	60.7	61.8	62.2	62.9	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.8
GE 16000	55.6	57.9	59.9	61.1	62.2	62.7	63.3	63.6	63.7	63.7	63.9	63.9	63.9	63.9	63.9	64.2
GE 14000	56.0	58.3	60.4	61.7	62.8	63.2	63.9	64.1	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.8
GE 12000	57.6	60.0	62.2	63.9	65.0	65.4	66.1	66.3	66.4	66.4	66.7	66.7	66.7	66.7	66.7	67.0
GE 10000	60.1	63.0	65.3	67.2	68.3	68.8	69.4	69.7	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.6
GE 9000	60.9	64.0	66.3	68.2	69.3	69.8	70.4	70.7	70.8	71.0	71.2	71.2	71.2	71.2	71.2	71.6
GE 8000	65.6	69.0	72.2	74.4	75.8	76.2	76.9	77.1	77.2	77.4	77.7	77.7	77.7	77.7	77.7	78.0
GE 7000	66.3	69.8	73.2	75.4	77.1	77.6	78.2	78.4	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.3
GE 6000	67.0	70.6	74.1	76.3	78.0	78.4	79.1	79.3	79.4	79.8	80.0	80.0	80.1	80.1	80.1	80.4
GE 5000	69.1	73.1	77.2	79.4	81.3	81.8	82.4	82.7	82.8	83.1	83.3	83.3	83.4	83.4	83.4	83.8
GE 4500	69.6	73.6	77.7	79.9	81.8	82.2	83.0	83.2	83.3	83.7	83.9	83.9	84.0	84.0	84.0	84.3
GE 4000	70.3	74.6	78.8	81.0	83.2	83.7	84.7	84.9	85.0	85.3	85.6	85.6	85.7	85.7	85.7	86.0
GE 3500	71.0	75.2	79.4	81.7	83.9	84.3	85.3	85.6	85.8	86.1	86.4	86.4	86.6	86.6	86.6	86.9
GE 3000	72.2	76.7	80.9	83.1	85.6	86.0	87.1	87.4	87.7	88.0	88.4	88.4	88.7	88.7	88.7	89.0
GE 2500	72.6	77.0	81.2	83.4	85.9	86.3	87.4	87.8	88.0	88.3	88.8	88.8	89.0	89.0	89.0	89.3
GE 2000	73.0	77.4	81.8	84.0	86.4	87.1	88.2	88.6	88.8	89.1	89.6	89.6	89.8	89.8	89.8	90.1
GE 1800	73.3	77.8	82.1	84.3	86.8	87.4	88.6	88.9	89.1	89.4	89.9	89.9	90.1	90.1	90.1	90.4
GE 1500	74.0	78.4	82.8	85.2	87.7	88.3	89.4	89.8	90.0	90.3	90.8	90.8	91.0	91.0	91.0	91.3
GE 1200	74.6	79.1	83.6	86.2	88.7	89.3	90.4	90.8	91.0	91.3	91.8	91.8	92.0	92.0	92.0	92.3
GE 1000	75.0	79.7	84.2	87.0	89.7	90.3	91.4	92.0	92.3	92.7	93.1	93.1	93.3	93.3	93.3	93.7
GE 900	75.3	80.0	84.8	87.6	90.3	91.1	92.2	92.8	93.1	93.4	93.9	93.9	94.1	94.1	94.1	94.4
GE 800	75.6	80.2	85.0	87.9	90.7	91.4	92.6	93.2	93.6	93.9	94.3	94.3	94.6	94.6	94.6	94.9
GE 700	75.7	80.3	85.1	88.0	90.9	91.7	92.9	93.6	93.9	94.2	94.7	94.7	94.9	94.9	94.9	95.2
GE 600	75.7	80.4	85.3	88.3	91.2	92.2	93.6	94.3	94.7	95.0	95.4	95.4	95.7	95.7	95.7	96.0
GE 500	75.7	80.6	85.4	88.4	91.4	92.7	94.1	94.9	95.2	95.6	96.0	96.0	96.2	96.2	96.2	96.6
GE 400	75.7	80.7	85.8	88.9	92.0	93.2	94.7	95.7	96.0	96.6	97.0	97.0	97.2	97.2	97.2	97.6
GE 300	75.7	80.7	85.8	88.9	92.0	93.2	94.9	96.1	96.7	97.2	97.8	97.8	98.1	98.1	98.1	98.4
GE 200	75.7	80.7	85.8	88.9	92.0	93.2	94.9	96.1	96.8	97.3	97.9	97.9	98.9	98.9	98.9	99.2
GE 100	75.7	80.7	85.8	88.9	92.0	93.2	94.9	96.1	96.9	97.4	98.0	98.0	99.2	99.2	99.3	100.0
GE 000	75.7	80.7	85.8	88.9	92.0	93.2	94.9	96.1	96.9	97.4	98.0	98.0	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.4	51.9	54.1	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	56.2	57.9	60.3	60.9	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6
GE 18000	56.3	58.0	60.4	61.0	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
GE 16000	56.4	58.1	60.6	61.1	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
GE 14000	57.3	59.1	61.7	62.2	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
GE 12000	58.9	61.2	63.8	64.3	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
GE 10000	62.8	65.7	68.6	69.1	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
GE 9000	64.3	67.3	70.2	70.8	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
GE 8000	65.8	69.1	72.4	73.2	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0
GE 7000	67.4	70.8	74.2	75.1	75.9	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
GE 6000	68.3	71.8	75.2	76.2	77.0	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
GE 5000	69.6	73.1	76.8	77.9	78.9	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
GE 4500	70.4	74.0	77.7	78.8	79.8	79.9	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
GE 4000	72.2	76.1	79.9	81.2	82.4	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
GE 3500	73.3	77.2	81.1	82.6	83.8	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6
GE 3000	75.2	79.1	83.1	84.8	86.1	86.2	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
GE 2500	75.9	80.0	84.0	85.7	87.0	87.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
GE 2000	77.7	82.0	86.0	88.0	89.3	89.6	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
GE 1800	77.9	82.2	86.2	88.2	89.6	89.8	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
GE 1500	78.6	83.0	87.2	89.3	90.9	91.1	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
GE 1200	79.2	83.7	88.0	90.2	92.0	92.2	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1
GE 1000	79.8	84.2	88.6	91.2	93.1	93.3	93.6	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2
GE 900	79.9	84.3	88.8	91.4	93.3	93.6	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
GE 800	80.1	84.6	89.1	91.9	93.9	94.1	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
GE 700	80.3	84.8	89.3	92.1	94.1	94.3	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
GE 600	80.7	85.2	90.1	92.9	94.9	95.4	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
GE 500	80.8	85.3	90.3	93.1	95.3	96.0	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
GE 400	80.8	85.3	90.4	93.2	95.6	96.3	96.7	97.7	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 300	80.8	85.3	90.4	93.3	95.8	96.6	96.9	98.0	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.4
GE 200	80.8	85.3	90.4	93.3	95.8	96.6	96.9	98.0	98.7	99.3	99.6	99.6	99.6	99.6	99.6	99.8
GE 100	80.8	85.3	90.4	93.3	95.8	96.6	96.9	98.0	98.7	99.3	99.6	99.6	99.6	99.6	99.7	100.0
GE 000	80.8	85.3	90.4	93.3	95.8	96.6	96.9	98.0	98.7	99.3	99.6	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.8	45.8	47.4	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	53.1	55.3	57.1	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 18000	53.1	55.3	57.1	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 16000	53.2	55.4	57.2	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 14000	53.9	56.2	58.1	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	55.6	58.0	59.9	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	58.7	62.0	64.0	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 9000	59.4	63.1	65.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000	63.0	66.8	68.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	65.3	69.2	71.2	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 6000	66.8	70.7	72.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	67.8	72.0	74.4	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	69.7	74.1	76.8	77.9	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4000	73.0	78.4	81.2	82.7	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	75.1	81.2	84.0	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3000	79.0	84.4	87.3	88.8	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2500	80.0	85.4	88.4	90.0	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	81.4	87.3	90.4	92.0	92.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800	81.7	87.6	90.7	92.2	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	82.3	88.3	91.4	93.0	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	82.8	88.8	92.0	93.6	94.4	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	83.0	89.0	92.2	94.1	95.0	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	83.1	89.1	92.3	94.3	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	83.1	89.1	92.4	94.6	95.8	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	83.1	89.1	92.4	94.7	95.9	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 600	83.1	89.1	92.7	95.2	96.4	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	83.1	89.1	92.7	95.2	96.8	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	83.1	89.1	92.7	95.3	97.2	98.0	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	83.1	89.1	92.7	95.3	97.2	98.0	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	83.1	89.1	92.7	95.3	97.2	98.0	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	83.1	89.1	92.7	95.3	97.2	98.0	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	83.1	89.1	92.7	95.3	97.2	98.0	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.4	48.7	50.6	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000	55.0	57.6	59.7	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 18000	55.2	57.8	59.9	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 16000	55.2	57.8	59.9	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 14000	56.2	59.1	61.2	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 12000	57.3	60.4	62.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 10000	60.6	64.6	66.8	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 9000	61.3	65.3	67.6	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	65.6	70.0	72.2	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 7000	66.4	71.0	73.3	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	68.1	72.7	75.1	77.3	77.3	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 5000	70.2	75.0	77.7	79.9	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	71.8	76.9	79.6	81.8	81.9	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4000	75.0	80.6	83.7	86.1	86.2	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3500	76.9	82.6	85.8	88.2	88.3	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
GE 3000	79.1	85.3	88.8	91.3	91.6	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
GE 2500	80.3	86.6	90.0	92.6	92.8	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
GE 2000	80.9	87.1	90.8	93.3	93.6	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
GE 1800	80.9	87.2	91.0	93.6	93.8	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
GE 1500	81.2	87.9	91.9	94.7	95.1	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
GE 1200	81.3	88.0	92.1	95.0	95.4	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
GE 1000	81.3	88.0	92.1	95.0	95.7	96.2	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
GE 900	81.3	88.0	92.1	95.0	95.7	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
GE 800	81.3	88.0	92.1	95.0	95.9	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6
GE 700	81.3	88.1	92.2	95.2	96.1	96.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 600	81.3	88.1	92.3	95.3	96.3	97.0	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
GE 500	81.3	88.2	92.6	95.6	96.6	97.2	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 400	81.4	88.3	92.7	95.7	96.7	97.6	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 300	81.4	88.3	92.7	95.7	96.8	97.7	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	81.4	88.3	92.7	95.7	96.8	97.7	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	81.4	88.3	92.7	95.7	96.8	97.7	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	81.4	88.3	92.7	95.7	96.8	97.7	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.2	56.7	57.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	59.4	64.6	65.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 18000	59.4	64.6	65.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 16000	59.4	64.6	65.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 14000	60.2	65.4	66.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 12000	61.4	66.9	68.6	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 10000	63.7	69.6	71.2	72.6	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 9000	65.0	70.9	72.6	73.9	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8000	68.8	75.0	77.0	78.3	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	70.4	77.1	79.1	80.4	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 6000	71.8	78.9	80.9	82.3	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 5000	73.3	80.4	82.8	84.2	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4500	74.6	81.9	84.4	85.9	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	76.4	83.9	86.4	88.2	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3500	77.7	85.1	87.8	89.7	90.3	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	78.8	86.3	89.0	90.9	91.7	91.7	92.1	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	80.2	87.8	90.4	92.3	93.3	93.6	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	80.7	88.3	91.1	93.1	94.1	94.3	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	80.7	88.3	91.1	93.1	94.1	94.3	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500	81.1	89.0	91.8	93.8	94.8	95.0	95.4	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	81.2	89.1	92.0	94.0	95.6	95.8	96.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	81.2	89.1	92.0	94.0	95.8	96.0	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	81.2	89.1	92.0	94.0	95.8	96.0	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	81.2	89.1	92.0	94.0	95.9	96.1	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	81.3	89.2	92.1	94.1	96.0	96.2	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	81.3	89.3	92.3	94.3	96.2	96.4	97.2	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	81.3	89.4	92.6	94.6	96.4	96.7	97.6	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	81.3	89.4	92.7	94.7	96.6	96.8	97.8	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	81.3	89.4	92.7	94.7	96.7	96.9	97.9	98.6	98.6	99.1	99.3	99.3	99.3	99.3	99.4	99.4
GE 200	81.3	89.4	92.7	94.7	96.7	96.9	97.9	98.7	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	81.3	89.4	92.7	94.7	96.7	96.9	97.9	98.7	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	81.3	89.4	92.7	94.7	96.7	96.9	97.9	98.7	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB/OSCODA MI PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 5 MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.6	60.3	62.1	63.2	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 20000	61.8	64.8	66.7	67.9	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	61.8	64.8	66.8	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	61.8	64.8	66.8	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 14000	62.8	65.8	67.8	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 12000	64.0	67.2	69.4	70.8	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 10000	66.9	70.1	72.4	73.8	74.4	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	68.7	71.9	74.3	75.7	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 8000	72.7	76.3	79.2	80.8	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 7000	73.1	76.9	80.0	81.7	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 6000	74.1	77.9	81.1	82.8	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	75.1	78.9	82.1	84.0	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4500	76.2	80.0	83.2	85.2	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	77.0	80.9	84.9	87.1	88.4	88.4	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3500	78.0	82.0	86.2	88.4	90.0	90.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	78.3	82.6	87.0	89.4	91.0	91.0	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	78.7	83.0	87.6	90.0	91.8	91.8	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	78.8	83.1	87.7	90.2	92.1	92.1	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	79.0	83.4	88.1	90.8	92.7	92.9	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500	79.4	83.9	88.8	91.4	93.4	93.7	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	80.0	84.4	89.3	92.0	94.2	94.6	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	80.1	84.6	89.7	92.3	94.6	94.9	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	80.1	84.6	89.7	92.3	94.6	94.9	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9
GE 800	80.1	84.7	89.8	92.4	94.7	95.0	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
GE 700	80.1	84.7	89.8	92.4	94.7	95.0	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
GE 600	80.1	84.7	89.8	92.6	94.8	95.1	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2
GE 500	80.1	84.7	89.8	92.8	95.1	95.4	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.7
GE 400	80.3	84.9	90.0	93.3	95.8	96.1	97.1	97.3	97.7	97.9	97.9	97.9	97.9	97.9	98.0	98.0
GE 300	80.3	84.9	90.0	93.3	95.8	96.1	97.3	97.6	97.9	98.2	98.4	98.4	98.4	98.4	98.6	98.6
GE 200	80.3	84.9	90.0	93.3	95.8	96.2	97.4	97.8	98.1	98.8	99.1	99.2	99.3	99.4	99.7	100.0
GE 100	80.3	84.9	90.0	93.3	95.8	96.2	97.4	97.8	98.1	98.8	99.1	99.2	99.3	99.4	99.7	100.0
GE 000	80.3	84.9	90.0	93.3	95.8	96.2	97.4	97.8	98.1	98.8	99.1	99.2	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.5	53.0	54.8	56.1	56.5	56.6	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.1
GE 20000	56.4	59.2	61.3	62.7	63.2	63.3	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.9
GE 18000	56.5	59.3	61.4	62.8	63.3	63.4	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	64.0
GE 16000	56.6	59.3	61.5	62.8	63.4	63.5	63.6	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.1
GE 14000	57.3	60.2	62.3	63.8	64.3	64.4	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.0
GE 12000	58.7	61.7	64.0	65.5	66.0	66.1	66.3	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.7
GE 10000	61.8	65.2	67.6	69.2	69.8	69.9	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6
GE 9000	63.0	66.6	69.0	70.6	71.2	71.3	71.5	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9	72.0
GE 8000	66.6	70.5	73.3	75.1	75.7	75.9	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.6
GE 7000	67.8	71.8	74.7	76.5	77.3	77.5	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.2
GE 6000	68.8	73.0	76.0	77.9	78.7	78.8	79.1	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.6
GE 5000	70.2	74.6	77.8	79.7	80.7	80.9	81.1	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.6
GE 4500	71.4	75.9	79.2	81.2	82.2	82.4	82.7	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.2
GE 4000	73.4	78.2	81.7	84.0	85.1	85.3	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.3
GE 3500	74.8	79.5	83.2	85.5	86.7	86.9	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	88.0
GE 3000	76.1	81.1	84.8	87.3	88.6	88.8	89.3	89.6	89.7	89.8	89.8	89.8	89.9	89.9	89.9	90.1
GE 2500	77.1	82.1	85.9	88.3	89.7	90.0	90.5	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.3
GE 2000	77.8	82.9	86.8	89.4	90.8	91.2	91.7	91.9	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.4
GE 1800	78.0	83.2	87.1	89.6	91.0	91.4	92.0	92.2	92.3	92.4	92.5	92.5	92.5	92.6	92.6	92.7
GE 1500	78.6	83.8	87.9	90.5	92.0	92.4	93.0	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.8
GE 1200	79.0	84.3	88.4	91.0	92.7	93.2	93.8	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.5
GE 1000	79.3	84.5	88.7	91.5	93.3	93.7	94.4	94.7	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.2
GE 900	79.3	84.6	88.8	91.6	93.4	94.0	94.6	94.9	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.4
GE 800	79.4	84.8	89.0	91.9	93.7	94.3	94.9	95.2	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.8
GE 700	79.5	84.9	89.1	92.0	93.9	94.4	95.1	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	96.0
GE 600	79.6	85.0	89.3	92.3	94.2	94.8	95.5	95.9	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.4
GE 500	79.6	85.1	89.5	92.5	94.6	95.3	96.1	96.5	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.1
GE 400	79.7	85.2	89.6	92.8	94.9	95.7	96.6	97.2	97.4	97.6	97.7	97.7	97.8	97.8	97.8	98.0
GE 300	79.7	85.2	89.6	92.8	95.0	95.8	96.9	97.7	98.0	98.3	98.5	98.6	98.6	98.6	98.7	98.8
GE 200	79.7	85.2	89.6	92.8	95.0	95.8	96.9	97.8	98.3	98.8	99.0	99.1	99.3	99.3	99.4	99.6
GE 100	79.7	85.2	89.6	92.8	95.0	95.8	96.9	97.8	98.3	98.8	99.1	99.2	99.4	99.4	99.6	100.0
GE 000	79.7	85.2	89.6	92.8	95.0	95.8	96.9	97.8	98.3	98.8	99.1	99.2	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.8	57.5	62.0	64.2	66.9	67.4	68.2	68.2	68.4	68.4	68.6	68.6	68.8	68.8	68.9	68.9
GE 20000	57.2	61.2	66.0	68.2	71.0	71.7	72.5	72.5	72.7	72.7	72.9	72.9	73.1	73.1	73.2	73.2
GE 18000	57.2	61.2	66.0	68.2	71.0	71.7	72.5	72.5	72.7	72.7	72.9	72.9	73.1	73.1	73.2	73.2
GE 16000	57.2	61.2	66.0	68.2	71.0	71.7	72.5	72.5	72.7	72.7	72.9	72.9	73.1	73.1	73.2	73.2
GE 14000	57.4	61.4	66.2	68.4	71.2	71.9	72.7	72.7	72.9	72.9	73.1	73.1	73.3	73.3	73.4	73.4
GE 12000	59.2	63.3	68.2	70.3	73.1	73.9	74.6	74.6	74.8	74.8	75.1	75.1	75.3	75.3	75.4	75.4
GE 10000	62.4	66.5	71.3	73.8	76.6	77.3	78.1	78.1	78.3	78.3	78.5	78.5	78.8	78.8	78.9	78.9
GE 9000	62.9	67.4	72.7	75.2	78.0	78.7	79.5	79.5	79.7	79.7	79.9	79.9	80.2	80.2	80.3	80.3
GE 8000	66.6	71.4	77.0	79.7	82.6	83.3	84.4	84.4	84.6	84.6	84.8	84.8	85.2	85.2	85.3	85.3
GE 7000	68.5	73.3	79.0	81.8	84.8	85.6	86.9	86.9	87.1	87.1	87.3	87.3	87.6	87.6	87.7	87.7
GE 6000	68.8	74.0	79.7	82.5	85.5	86.2	87.5	87.5	87.7	87.7	88.0	88.0	88.3	88.3	88.4	88.4
GE 5000	69.7	74.9	80.9	83.7	86.7	87.4	88.7	88.7	88.9	88.9	89.1	89.1	89.5	89.5	89.6	89.6
GE 4500	70.0	75.3	81.2	84.1	87.1	87.8	89.1	89.1	89.4	89.4	89.6	89.6	89.9	89.9	90.0	90.0
GE 4000	72.0	77.3	83.5	86.5	89.8	90.5	91.8	91.8	92.0	92.0	92.3	92.3	92.6	92.6	92.7	92.7
GE 3500	73.1	78.4	84.6	87.5	90.9	91.6	92.9	92.9	93.1	93.1	93.3	93.3	93.7	93.7	93.8	93.8
GE 3000	73.8	79.1	85.4	88.5	91.8	92.6	93.9	93.9	94.1	94.1	94.3	94.3	94.6	94.6	94.7	94.7
GE 2500	74.0	79.6	85.9	89.4	92.7	93.4	94.7	94.7	94.9	94.9	95.2	95.2	95.5	95.5	95.6	95.6
GE 2000	74.4	80.0	86.3	89.9	93.2	94.0	95.3	95.3	95.5	95.5	95.7	95.7	96.0	96.0	96.1	96.1
GE 1800	74.5	80.1	86.5	90.0	93.3	94.1	95.4	95.4	95.6	95.6	95.8	95.8	96.1	96.1	96.2	96.2
GE 1500	74.9	80.5	86.9	90.4	93.8	94.5	95.8	95.8	96.0	96.0	96.2	96.2	96.6	96.6	96.7	96.7
GE 1200	75.3	81.0	87.3	90.9	94.2	94.9	96.2	96.2	96.5	96.5	96.7	96.7	97.0	97.0	97.1	97.1
GE 1000	75.4	81.2	87.5	91.1	94.4	95.2	96.5	96.5	96.7	96.7	96.9	96.9	97.2	97.2	97.3	97.3
GE 900	75.4	81.2	87.5	91.1	94.4	95.2	96.5	96.5	96.7	96.7	96.9	96.9	97.2	97.2	97.3	97.3
GE 800	75.4	81.2	87.5	91.1	94.4	95.2	96.5	96.5	96.7	96.7	96.9	96.9	97.2	97.2	97.3	97.3
GE 700	75.4	81.2	87.5	91.1	94.4	95.2	96.5	96.5	96.7	96.7	96.9	96.9	97.2	97.2	97.3	97.3
GE 600	75.4	81.2	87.5	91.1	94.5	95.3	96.6	96.6	96.9	96.9	97.1	97.1	97.4	97.4	97.5	97.5
GE 500	75.4	81.2	87.5	91.1	94.6	95.4	96.7	96.7	97.1	97.2	97.4	97.4	97.7	97.7	97.8	97.8
GE 400	75.4	81.2	87.5	91.1	94.6	95.4	96.8	96.8	97.2	97.3	97.5	97.5	97.8	97.8	98.3	98.3
GE 300	75.4	81.2	87.5	91.1	94.6	95.4	96.8	96.8	97.2	97.5	97.7	97.7	98.2	98.2	98.7	98.7
GE 200	75.4	81.2	87.5	91.1	94.7	95.5	96.9	96.9	97.3	97.6	97.8	97.8	98.5	98.5	99.2	99.2
GE 100	75.4	81.2	87.5	91.1	94.7	95.5	96.9	96.9	97.3	97.6	97.8	97.8	98.5	98.7	99.5	99.6
GE 000	75.4	81.2	87.5	91.1	94.7	95.5	96.9	96.9	97.3	97.6	97.8	97.8	98.5	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.0	55.3	59.2	62.4	64.6	64.9	65.9	66.9	67.1	67.1	67.2	67.2	67.5	67.5	67.5	67.8
GE 20000	53.1	58.9	63.0	66.3	68.9	69.2	70.2	71.3	71.5	71.5	71.6	71.6	71.9	71.9	71.9	72.3
GE 18000	53.1	58.9	63.0	66.3	68.9	69.2	70.2	71.3	71.5	71.5	71.6	71.6	71.9	71.9	71.9	72.3
GE 16000	53.1	58.9	63.0	66.3	68.9	69.2	70.2	71.3	71.5	71.5	71.6	71.6	71.9	71.9	71.9	72.3
GE 14000	53.5	59.4	63.4	66.8	69.4	69.7	70.6	71.7	71.9	71.9	72.0	72.0	72.4	72.4	72.4	72.7
GE 12000	55.3	61.5	65.6	68.9	71.5	71.8	72.8	73.9	74.1	74.1	74.2	74.2	74.5	74.5	74.5	74.8
GE 10000	59.1	65.6	69.9	73.5	76.3	76.7	77.6	78.7	78.9	78.9	79.0	79.0	79.4	79.4	79.4	79.7
GE 9000	60.3	66.9	71.3	74.9	77.8	78.2	79.1	80.2	80.4	80.4	80.5	80.5	80.9	80.9	80.9	81.2
GE 8000	63.5	70.5	75.2	78.8	81.7	82.3	83.7	84.8	85.2	85.2	85.4	85.4	85.7	85.7	85.7	86.0
GE 7000	65.1	72.0	76.9	80.5	83.4	84.0	85.4	86.6	86.9	86.9	87.1	87.1	87.4	87.4	87.4	87.7
GE 6000	65.4	72.4	77.3	81.0	83.9	84.4	85.8	87.0	87.3	87.3	87.5	87.5	87.8	87.8	87.8	88.2
GE 5000	66.1	73.1	78.2	81.8	84.9	85.5	86.9	88.1	88.4	88.4	88.6	88.6	88.9	88.9	88.9	89.2
GE 4500	66.6	73.5	78.6	82.3	85.4	85.9	87.4	88.6	88.9	88.9	89.1	89.1	89.5	89.5	89.5	89.8
GE 4000	68.3	75.4	80.8	84.6	87.0	88.5	90.1	91.3	91.6	91.6	91.8	91.8	92.2	92.2	92.2	92.5
GE 3500	68.8	76.1	81.5	85.5	88.8	89.4	91.1	92.3	92.6	92.6	92.8	92.8	93.1	93.1	93.1	93.4
GE 3000	69.5	76.8	82.3	86.2	89.7	90.2	92.0	93.2	93.5	93.7	93.9	93.9	94.2	94.2	94.2	94.5
GE 2500	69.7	77.0	82.5	86.5	90.1	90.6	92.5	93.7	94.0	94.1	94.3	94.3	94.6	94.6	94.6	94.9
GE 2000	70.0	77.3	82.8	86.8	90.4	91.0	92.8	94.0	94.3	94.4	94.6	94.6	94.9	94.9	94.9	95.3
GE 1800	70.0	77.3	82.8	86.8	90.4	91.0	92.8	94.0	94.3	94.4	94.6	94.6	94.9	94.9	94.9	95.3
GE 1500	70.2	77.6	83.1	87.1	90.9	91.4	93.2	94.4	94.7	94.8	95.1	95.1	95.4	95.4	95.4	95.7
GE 1200	70.4	78.0	83.4	87.4	91.3	91.8	93.7	94.8	95.2	95.3	95.5	95.5	95.8	95.8	95.8	96.1
GE 1000	70.8	78.3	83.8	87.7	91.6	92.2	94.1	95.3	95.6	95.8	96.0	96.0	96.3	96.3	96.3	96.7
GE 900	70.8	78.3	84.0	88.1	91.9	92.5	94.4	95.6	95.9	96.1	96.3	96.3	96.7	96.7	96.7	97.0
GE 800	70.9	78.4	84.1	88.2	92.0	92.6	94.5	95.7	96.0	96.2	96.5	96.5	96.8	96.8	96.8	97.1
GE 700	71.0	78.5	84.2	88.3	92.2	92.7	94.6	95.8	96.1	96.3	96.6	96.6	96.9	96.9	96.9	97.2
GE 600	71.1	78.6	84.3	88.4	92.3	92.8	94.8	96.0	96.3	96.6	96.8	96.8	97.1	97.1	97.1	97.4
GE 500	71.1	78.6	84.3	88.4	92.3	92.8	94.8	96.0	96.3	96.6	96.8	96.8	97.1	97.1	97.1	97.4
GE 400	71.1	78.6	84.3	88.4	92.3	92.8	94.8	96.0	96.3	96.6	96.8	96.8	97.1	97.1	97.5	97.8
GE 300	71.1	78.6	84.3	88.4	92.3	92.8	94.8	96.1	96.5	97.0	97.2	97.2	97.5	97.5	98.0	98.3
GE 200	71.1	78.6	84.3	88.4	92.3	92.8	94.8	96.2	96.7	97.2	97.5	97.5	98.2	98.2	98.6	99.2
GE 100	71.1	78.6	84.3	88.4	92.3	92.8	94.8	96.2	96.7	97.2	97.5	97.5	98.3	98.4	98.8	99.9
GE 000	71.1	78.6	84.3	88.4	92.3	92.8	94.8	96.2	96.7	97.2	97.5	97.5	98.3	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	53.3	56.1	58.3	61.0	61.2	61.8	62.7	62.8	62.8	62.9	62.9	63.1	63.1	63.1	63.2
GE 20000	53.0	57.1	60.3	62.9	65.9	66.1	67.0	67.8	68.0	68.0	68.1	68.1	68.4	68.5	68.5	68.6
GE 18000	53.3	57.4	60.6	63.2	66.2	66.5	67.3	68.2	68.3	68.3	68.4	68.4	68.7	68.8	68.8	68.9
GE 16000	53.5	57.6	60.9	63.4	66.5	66.7	67.5	68.4	68.5	68.5	68.6	68.6	68.9	69.0	69.0	69.1
GE 14000	54.1	58.3	61.5	64.1	67.1	67.3	68.2	69.0	69.1	69.1	69.2	69.2	69.6	69.7	69.7	69.8
GE 12000	55.9	60.5	63.9	66.6	69.7	69.9	71.0	71.8	71.9	71.9	72.0	72.0	72.4	72.6	72.6	72.7
GE 10000	60.1	65.2	68.6	71.7	75.5	75.7	76.8	77.8	78.1	78.1	78.2	78.2	78.5	78.7	78.7	78.8
GE 9000	60.3	65.4	69.0	72.3	76.3	76.6	77.6	78.8	79.0	79.0	79.1	79.1	79.5	79.7	79.7	79.8
GE 8000	64.6	70.2	74.0	77.5	81.7	81.9	83.0	84.3	84.5	84.6	84.7	84.7	85.1	85.3	85.3	85.4
GE 7000	65.4	71.2	75.1	78.6	82.9	83.1	84.2	85.5	85.7	85.8	85.9	85.9	86.2	86.5	86.5	86.6
GE 6000	66.3	72.2	76.0	79.6	84.0	84.2	85.3	86.7	86.9	87.0	87.2	87.2	87.5	87.7	87.7	87.8
GE 5000	67.3	73.2	77.3	80.9	85.5	85.7	86.8	88.2	88.4	88.5	88.7	88.7	89.0	89.2	89.2	89.4
GE 4500	67.5	73.5	77.6	81.2	85.8	86.0	87.3	88.7	88.9	89.0	89.2	89.2	89.6	89.8	89.8	89.9
GE 4000	68.1	74.4	78.7	82.3	87.2	87.4	88.8	90.2	90.4	90.5	90.8	90.8	91.1	91.3	91.3	91.4
GE 3500	68.7	75.3	79.6	83.1	88.3	88.7	90.1	91.6	91.8	91.9	92.2	92.2	92.5	92.7	92.7	92.8
GE 3000	68.8	75.4	79.8	83.5	88.9	89.4	90.8	92.3	92.5	92.6	92.8	92.8	93.1	93.3	93.3	93.4
GE 2500	69.5	76.0	80.4	84.2	89.6	90.0	91.4	92.9	93.1	93.2	93.4	93.4	93.8	94.0	94.0	94.1
GE 2000	70.4	77.1	81.5	85.3	90.9	91.3	92.7	94.2	94.4	94.5	94.7	94.7	95.1	95.3	95.3	95.4
GE 1800	70.6	77.3	81.7	85.5	91.1	91.5	92.9	94.4	94.6	94.7	94.9	94.9	95.3	95.5	95.5	95.6
GE 1500	70.8	77.4	81.8	85.6	91.2	91.6	93.0	94.6	94.8	94.9	95.2	95.2	95.5	95.7	95.7	95.8
GE 1200	70.8	77.4	81.9	85.7	91.3	91.8	93.5	95.2	95.4	95.5	95.7	95.7	96.0	96.2	96.2	96.3
GE 1000	71.3	78.0	82.5	86.3	91.9	92.5	94.2	96.0	96.2	96.3	96.6	96.6	96.9	97.1	97.1	97.2
GE 900	71.3	78.1	82.6	86.6	92.2	92.7	94.4	96.2	96.5	96.6	96.8	96.8	97.1	97.3	97.3	97.4
GE 800	71.3	78.1	82.6	86.8	92.4	92.9	94.6	96.5	96.7	96.8	97.0	97.0	97.3	97.5	97.5	97.6
GE 700	71.3	78.1	82.6	86.9	92.5	93.0	94.7	96.7	96.9	97.0	97.2	97.2	97.5	97.7	97.7	97.8
GE 600	71.3	78.1	82.6	86.9	92.5	93.0	94.7	96.7	96.9	97.0	97.2	97.2	97.5	97.7	97.7	97.8
GE 500	71.3	78.2	82.7	87.2	92.9	93.4	95.4	97.4	97.6	97.7	98.0	98.0	98.3	98.5	98.5	98.6
GE 400	71.4	78.3	82.8	87.4	93.3	93.9	95.8	97.8	98.1	98.3	98.5	98.5	98.8	99.0	99.1	99.2
GE 300	71.4	78.3	82.8	87.4	93.3	93.9	95.8	97.8	98.1	98.5	98.7	98.7	99.0	99.2	99.4	99.7
GE 200	71.4	78.3	82.8	87.4	93.3	93.9	95.9	98.0	98.2	98.6	98.8	98.8	99.1	99.4	99.5	99.8
GE 100	71.4	78.3	82.8	87.4	93.3	93.9	95.9	98.0	98.2	98.6	98.8	98.8	99.1	99.4	99.6	100.0
GE 000	71.4	78.3	82.8	87.4	93.3	93.9	95.9	98.0	98.2	98.6	98.8	98.8	99.1	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.4	56.8	59.9	61.6	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 20000	57.7	62.2	65.5	67.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6
GE 18000	58.0	62.4	65.7	67.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
GE 16000	58.5	62.9	66.2	68.1	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
GE 14000	59.5	64.2	67.5	69.4	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
GE 12000	60.5	65.4	68.7	70.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9
GE 10000	64.7	69.8	73.1	75.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7
GE 9000	65.8	70.9	74.4	76.6	77.7	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5
GE 8000	68.9	74.7	78.5	80.6	81.8	82.2	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.8
GE 7000	70.4	76.5	80.3	82.5	84.0	84.3	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9
GE 6000	71.1	77.1	81.1	83.2	84.7	85.1	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
GE 5000	71.8	78.1	82.3	84.5	86.3	86.7	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3
GE 4500	71.9	78.4	82.7	84.9	86.8	87.1	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7
GE 4000	72.4	79.4	83.7	86.0	88.2	88.5	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4
GE 3500	73.4	80.5	84.8	87.4	89.7	90.1	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1
GE 3000	74.6	82.0	86.6	89.1	91.6	92.0	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1
GE 2500	75.2	82.6	87.1	89.7	92.3	92.7	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
GE 2000	76.0	83.7	88.2	90.8	93.4	93.9	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
GE 1800	76.1	83.9	88.4	91.0	93.8	94.2	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
GE 1500	77.3	85.2	89.7	92.4	95.6	96.0	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
GE 1200	77.4	85.4	90.0	92.8	96.1	96.6	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
GE 1000	77.6	85.6	90.3	93.2	96.6	97.0	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
GE 900	77.6	85.6	90.3	93.4	96.8	97.2	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 800	77.6	85.6	90.4	93.8	97.4	97.8	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1
GE 700	77.6	85.6	90.4	93.9	97.6	98.2	98.7	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 600	77.6	85.6	90.4	93.9	97.6	98.2	98.7	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 500	77.6	85.6	90.4	93.9	97.7	98.3	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 400	77.6	85.6	90.4	93.9	97.7	98.3	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	77.6	85.6	90.4	93.9	97.7	98.3	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 200	77.6	85.6	90.4	93.9	97.7	98.3	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	77.6	85.6	90.4	93.9	97.7	98.3	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	77.6	85.6	90.4	93.9	97.7	98.3	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.1	54.5	58.2	58.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	55.9	61.8	66.0	66.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	56.1	62.0	66.2	66.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 16000	56.3	62.3	66.5	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 14000	57.3	63.3	67.6	67.8	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 12000	58.3	64.6	68.9	69.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 10000	61.1	68.1	72.5	72.8	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000	62.4	69.6	74.0	74.3	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	66.0	73.4	78.1	78.7	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	67.3	74.8	79.5	80.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 6000	68.0	75.6	80.2	80.9	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	69.2	77.1	81.9	82.6	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4500	70.1	78.1	82.9	83.5	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	72.9	80.9	86.0	86.8	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	75.2	83.3	88.8	89.6	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	78.1	86.7	92.3	93.2	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	78.5	87.3	93.0	94.0	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	79.4	88.5	94.2	95.3	97.3	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	79.5	88.6	94.4	95.5	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	79.8	88.9	94.7	95.9	98.2	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	79.8	88.9	94.9	96.1	98.4	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	80.0	89.4	95.4	96.6	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	80.0	89.4	95.4	96.6	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	80.0	89.4	95.4	96.6	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	80.1	89.5	95.5	96.7	98.9	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	80.1	89.5	95.5	96.8	99.0	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	80.1	89.5	95.5	96.9	99.1	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	80.1	89.5	95.5	96.9	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	80.1	89.5	95.5	96.9	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.1	89.5	95.5	96.9	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.1	89.5	95.5	96.9	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	80.1	89.5	95.5	96.9	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.9	50.5	54.7	55.8	56.5	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	54.8	60.2	65.3	66.5	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	55.7	61.1	66.1	67.3	68.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 16000	56.0	61.4	66.5	67.6	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	56.2	61.6	66.7	67.8	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	58.3	64.1	69.1	70.3	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 10000	60.6	66.9	72.2	73.4	74.2	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	61.7	68.2	73.5	74.9	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 8000	64.3	70.9	76.3	77.8	78.6	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	65.4	71.9	77.4	78.9	79.7	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 6000	66.3	72.9	78.5	80.0	80.9	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 5000	68.3	74.9	80.5	82.0	82.9	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4500	68.6	75.3	80.9	82.4	83.5	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4000	71.2	78.2	84.1	85.8	87.5	88.2	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	74.0	81.2	87.5	89.5	91.3	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3000	74.9	82.7	89.7	91.6	94.2	94.8	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	75.6	83.3	90.6	92.7	95.5	96.2	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	76.3	84.1	91.5	93.5	96.5	97.6	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	76.6	84.3	91.7	93.8	96.7	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	76.8	84.5	91.9	94.0	96.9	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	76.8	84.5	91.9	94.0	96.9	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	76.8	84.5	91.9	94.0	96.9	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	76.8	84.6	92.0	94.1	97.0	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	76.8	84.6	92.2	94.2	97.1	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	76.9	84.7	92.4	94.4	97.3	98.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	77.0	84.8	92.5	94.6	97.6	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	77.0	84.8	92.5	94.8	97.8	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	77.0	84.8	92.5	94.8	97.8	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	77.0	84.8	92.5	94.8	97.8	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.0	84.8	92.5	94.8	97.8	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.0	84.8	92.5	94.8	97.8	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.0	84.8	92.5	94.8	97.8	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.3	56.4	60.3	62.1	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 20000	58.9	64.5	68.8	70.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 18000	59.1	64.7	69.0	70.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 16000	59.3	64.9	69.2	71.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 14000	60.2	65.8	70.3	72.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 12000	62.2	67.9	72.5	74.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 10000	65.3	71.6	76.3	78.7	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 9000	66.2	72.5	77.4	80.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000	68.5	75.0	80.0	82.7	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	69.4	76.1	81.3	83.9	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 6000	70.4	77.0	82.4	85.2	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 5000	71.6	78.2	83.7	86.5	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4500	72.1	78.6	84.3	87.1	88.6	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4000	74.5	81.4	87.2	90.3	92.1	92.8	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3500	75.3	82.7	88.6	91.9	93.9	94.5	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	76.0	83.5	89.7	93.4	95.4	96.0	96.0	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2500	76.5	84.1	90.2	94.0	96.0	96.7	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	76.9	84.5	90.6	94.4	96.4	97.1	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	77.0	84.6	90.7	94.5	96.6	97.2	97.2	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	77.4	84.9	91.2	94.9	97.1	97.7	97.7	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	77.4	84.9	91.2	94.9	97.1	97.7	97.7	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	77.4	85.0	91.3	95.2	97.3	98.0	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	77.6	85.2	91.6	95.6	97.7	98.4	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	77.6	85.2	91.7	95.7	97.8	98.5	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	77.6	85.2	91.7	95.8	98.0	98.6	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	77.6	85.2	91.7	95.8	98.0	98.6	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	77.9	85.7	92.1	96.2	98.4	99.0	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	77.9	85.7	92.1	96.2	98.4	99.0	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	77.9	85.7	92.1	96.2	98.4	99.0	99.0	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	77.9	85.7	92.1	96.2	98.4	99.0	99.0	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	77.9	85.7	92.1	96.2	98.4	99.0	99.0	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	77.9	85.7	92.1	96.2	98.4	99.0	99.0	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	60.1	64.2	65.8	67.1	67.5	67.7	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 20000	60.5	66.0	70.2	71.8	73.2	73.9	74.1	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 18000	60.6	66.0	70.2	71.8	73.2	73.9	74.1	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 16000	60.9	66.3	70.6	72.2	73.6	74.2	74.4	74.5	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000	61.3	66.7	70.9	72.5	73.9	74.5	74.8	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 12000	62.6	68.0	72.2	73.8	75.2	75.8	76.1	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 10000	64.7	70.6	74.9	76.8	78.3	79.1	79.3	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 9000	65.5	71.4	75.7	78.0	79.5	80.3	80.5	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 8000	68.4	74.3	78.6	80.9	82.4	83.4	84.0	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 7000	69.7	75.6	80.2	82.5	84.0	85.0	85.8	86.0	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 6000	70.2	76.3	80.8	83.2	84.7	85.7	86.4	86.6	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 5000	72.3	78.4	83.5	85.9	87.8	88.8	89.5	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	72.5	78.6	83.7	86.1	88.0	89.0	89.8	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 4000	74.0	80.4	85.4	87.9	89.9	90.8	91.7	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500	75.1	81.4	86.6	89.1	91.3	92.2	93.2	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	75.7	82.5	87.8	90.6	93.1	94.1	95.0	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	75.8	82.6	88.0	91.0	93.5	94.5	95.5	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	76.9	83.8	89.2	92.2	94.7	95.7	96.7	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	76.9	83.8	89.2	92.2	94.7	95.7	96.7	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	76.9	83.9	89.5	92.7	95.3	96.2	97.2	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	77.0	84.0	89.6	92.8	95.4	96.3	97.3	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	77.5	84.5	90.2	93.3	95.9	96.9	97.8	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	77.5	84.5	90.2	93.3	95.9	96.9	97.8	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	77.5	84.5	90.2	93.3	95.9	96.9	97.8	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	77.5	84.5	90.2	93.3	95.9	96.9	97.8	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	77.5	84.5	90.2	93.3	96.2	97.2	98.2	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	77.5	84.5	90.2	93.5	96.5	97.5	98.5	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	77.5	84.5	90.2	93.5	96.7	97.6	98.6	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	77.5	84.5	90.2	93.5	96.7	97.6	98.6	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	77.5	84.5	90.2	93.5	96.7	97.6	98.6	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.8
GE 100	77.5	84.5	90.2	93.5	96.7	97.6	98.6	98.8	99.2	99.4	99.6	99.6	99.6	99.7	99.9	100.0
GE 000	77.5	84.5	90.2	93.5	96.7	97.6	98.6	98.8	99.2	99.4	99.6	99.6	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.9	55.5	59.3	61.1	62.5	62.8	63.1	63.3	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.7
GE 20000	56.4	61.5	65.6	67.5	69.1	69.5	69.8	70.1	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.5
GE 18000	56.6	61.7	65.9	67.7	69.4	69.7	70.1	70.3	70.4	70.4	70.5	70.5	70.6	70.6	70.6	70.7
GE 16000	56.9	61.9	66.1	67.9	69.6	69.9	70.3	70.5	70.7	70.7	70.7	70.7	70.8	70.8	70.9	70.9
GE 14000	57.4	62.6	66.8	68.6	70.3	70.6	71.0	71.2	71.3	71.4	71.4	71.4	71.5	71.5	71.6	71.6
GE 12000	59.0	64.4	68.6	70.6	72.3	72.6	73.0	73.2	73.4	73.4	73.4	73.4	73.5	73.6	73.6	73.6
GE 10000	62.3	68.0	72.3	74.5	76.3	76.7	77.1	77.4	77.5	77.5	77.6	77.6	77.7	77.7	77.8	77.8
GE 9000	63.1	69.0	73.5	75.8	77.7	78.1	78.5	78.8	78.9	79.0	79.0	79.0	79.1	79.2	79.2	79.2
GE 8000	66.4	72.6	77.2	79.6	81.6	82.0	82.6	83.0	83.1	83.1	83.2	83.2	83.3	83.3	83.4	83.4
GE 7000	67.6	73.9	78.7	81.1	83.2	83.7	84.3	84.7	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.2
GE 6000	68.3	74.7	79.5	81.9	84.0	84.6	85.2	85.6	85.7	85.8	85.8	85.8	86.0	86.0	86.0	86.1
GE 5000	69.5	76.0	81.0	83.5	85.7	86.3	86.9	87.3	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.8
GE 4500	69.9	76.4	81.5	83.9	86.3	86.8	87.5	87.9	88.0	88.1	88.2	88.2	88.3	88.3	88.4	88.4
GE 4000	71.7	78.4	83.7	86.3	88.9	89.4	90.1	90.6	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.1
GE 3500	73.0	79.9	85.3	87.9	90.6	91.2	92.0	92.4	92.6	92.6	92.7	92.7	92.8	92.9	92.9	93.0
GE 3000	73.9	81.1	86.7	89.5	92.5	93.1	93.9	94.3	94.5	94.6	94.6	94.6	94.8	94.8	94.8	94.9
GE 2500	74.3	81.6	87.2	90.2	93.2	93.8	94.6	95.1	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.6
GE 2000	75.1	82.4	88.0	91.0	94.1	94.8	95.6	96.0	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.6
GE 1800	75.2	82.5	88.2	91.1	94.3	94.9	95.7	96.2	96.3	96.4	96.5	96.5	96.6	96.7	96.7	96.7
GE 1500	75.5	82.9	88.6	91.6	94.8	95.5	96.3	96.8	96.9	97.0	97.1	97.1	97.2	97.3	97.3	97.3
GE 1200	75.6	83.0	88.8	91.8	95.1	95.8	96.6	97.1	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.7
GE 1000	75.8	83.3	89.1	92.2	95.4	96.1	97.0	97.5	97.6	97.7	97.8	97.8	98.0	98.0	98.0	98.1
GE 900	75.9	83.3	89.2	92.3	95.6	96.3	97.1	97.7	97.8	97.9	98.0	98.0	98.1	98.2	98.2	98.2
GE 800	75.9	83.4	89.3	92.4	95.7	96.4	97.3	97.8	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.4
GE 700	75.9	83.4	89.3	92.5	95.8	96.6	97.4	98.0	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.6
GE 600	75.9	83.4	89.3	92.6	96.0	96.7	97.5	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.7	98.7
GE 500	76.0	83.5	89.4	92.8	96.2	96.9	97.8	98.4	98.6	98.7	98.8	98.8	98.9	99.0	99.0	99.0
GE 400	76.0	83.5	89.4	92.8	96.2	97.0	97.9	98.5	98.7	98.9	99.0	99.0	99.1	99.1	99.2	99.3
GE 300	76.0	83.5	89.4	92.8	96.2	97.0	97.9	98.5	98.7	99.0	99.1	99.1	99.2	99.3	99.4	99.5
GE 200	76.0	83.5	89.4	92.8	96.3	97.0	97.9	98.6	98.8	99.0	99.2	99.2	99.4	99.4	99.6	99.8
GE 100	76.0	83.5	89.4	92.8	96.3	97.0	97.9	98.6	98.8	99.0	99.2	99.2	99.4	99.5	99.7	99.9
GE 000	76.0	83.5	89.4	92.8	96.3	97.0	97.9	98.6	98.8	99.0	99.2	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.2	55.8	58.2	60.3	61.9	62.3	62.6	62.8	63.4	63.5	63.8	63.8	64.0	64.0	64.0	64.0
GE 20000	57.0	60.1	63.1	65.5	67.3	67.6	68.0	68.3	68.9	69.0	69.2	69.2	69.5	69.5	69.5	69.5
GE 18000	57.1	60.2	63.2	65.6	67.4	67.7	68.1	68.4	69.0	69.1	69.4	69.4	69.6	69.6	69.6	69.6
GE 16000	57.1	60.2	63.2	65.6	67.4	67.7	68.1	68.4	69.0	69.1	69.4	69.4	69.6	69.6	69.6	69.6
GE 14000	57.7	60.9	64.2	66.6	68.4	69.0	69.4	69.7	70.3	70.4	70.6	70.6	70.9	70.9	70.9	70.9
GE 12000	59.5	62.6	65.9	68.3	70.3	71.0	71.3	71.6	72.3	72.4	72.7	72.7	72.9	72.9	72.9	72.9
GE 10000	61.2	64.3	68.1	70.5	72.7	73.3	73.7	74.0	74.6	74.7	75.1	75.1	75.3	75.3	75.3	75.3
GE 9000	61.7	64.8	68.6	71.4	73.5	74.2	74.5	74.8	75.5	75.6	75.9	75.9	76.1	76.1	76.1	76.1
GE 8000	62.9	66.1	70.1	73.1	75.4	76.0	76.6	77.0	77.6	77.7	78.1	78.1	78.3	78.3	78.3	78.3
GE 7000	63.5	66.8	71.2	74.2	76.5	77.1	77.6	78.1	78.7	78.8	79.1	79.1	79.4	79.4	79.4	79.4
GE 6000	64.4	67.6	72.5	75.5	77.7	78.4	78.9	79.5	80.1	80.2	80.5	80.5	80.8	80.8	80.8	80.8
GE 5000	65.3	68.6	73.5	76.7	79.1	79.8	80.5	81.1	81.7	81.8	82.2	82.2	82.4	82.4	82.4	82.4
GE 4500	65.4	68.8	73.8	76.9	79.4	80.0	81.1	81.6	82.3	82.4	82.7	82.7	82.9	82.9	82.9	82.9
GE 4000	67.4	71.3	76.6	80.0	83.2	84.0	85.3	86.0	86.8	86.9	87.2	87.2	87.4	87.4	87.4	87.4
GE 3500	68.8	72.8	78.1	81.5	85.6	86.5	88.4	89.1	89.9	90.0	90.3	90.3	90.5	90.5	90.5	90.5
GE 3000	70.2	74.8	80.4	83.9	88.2	89.0	91.1	91.8	92.6	92.7	93.0	93.0	93.2	93.2	93.2	93.2
GE 2500	71.0	75.7	81.6	85.1	89.4	90.2	92.4	93.1	93.9	94.0	94.3	94.3	94.5	94.5	94.5	94.5
GE 2000	71.6	76.3	82.3	85.7	90.0	90.9	93.2	94.1	94.8	94.9	95.3	95.3	95.5	95.5	95.5	95.5
GE 1800	71.9	76.7	82.6	86.0	90.3	91.2	93.7	94.5	95.3	95.4	95.7	95.7	95.9	95.9	95.9	95.9
GE 1500	72.3	77.0	82.9	86.3	91.0	91.8	94.3	95.2	95.9	96.0	96.3	96.3	96.6	96.6	96.6	96.6
GE 1200	72.5	77.2	83.1	86.6	91.2	92.0	94.6	95.5	96.2	96.3	96.7	96.7	96.9	96.9	96.9	96.9
GE 1000	72.5	77.3	83.2	86.7	91.7	92.6	95.3	96.1	96.9	97.0	97.3	97.3	97.5	97.5	97.5	97.5
GE 900	72.6	77.4	83.3	86.8	91.9	92.8	95.5	96.3	97.1	97.2	97.5	97.5	97.7	97.7	97.7	97.7
GE 800	72.7	77.5	83.4	86.9	92.2	93.0	95.7	96.6	97.3	97.4	97.7	97.7	98.0	98.0	98.0	98.0
GE 700	72.9	77.7	83.7	87.1	92.4	93.2	95.9	96.8	97.6	97.7	98.1	98.1	98.3	98.3	98.3	98.3
GE 600	72.9	77.7	83.7	87.1	92.5	93.3	96.1	97.0	97.8	98.0	98.3	98.3	98.5	98.5	98.5	98.5
GE 500	72.9	77.7	83.7	87.1	92.6	93.5	96.6	97.4	98.5	98.6	98.9	98.9	99.1	99.1	99.1	99.1
GE 400	72.9	77.7	83.7	87.1	92.6	93.5	96.6	97.4	98.5	98.7	99.0	99.0	99.2	99.2	99.2	99.2
GE 300	72.9	77.7	83.7	87.1	92.6	93.5	96.6	97.4	98.5	98.7	99.1	99.1	99.4	99.4	99.4	99.4
GE 200	72.9	77.7	83.7	87.1	92.6	93.5	96.6	97.4	98.6	98.8	99.2	99.2	99.5	99.5	99.5	99.6
GE 100	72.9	77.7	83.7	87.1	92.6	93.5	96.6	97.4	98.6	98.8	99.2	99.2	99.5	99.5	99.5	99.8
GE 000	72.9	77.7	83.7	87.1	92.6	93.5	96.6	97.4	98.6	98.8	99.2	99.2	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	50.0	53.2	54.9	57.4	58.2	59.2	60.0	60.3	60.9	61.4	61.6	62.3	62.4	62.5	62.6
GE 20000	52.3	54.4	58.6	60.4	63.1	64.0	65.1	65.9	66.2	66.8	67.3	67.5	68.2	68.3	68.4	68.5
GE 18000	52.4	54.5	58.7	60.5	63.2	64.1	65.2	66.0	66.3	66.9	67.5	67.7	68.4	68.5	68.6	68.7
GE 16000	52.4	54.5	58.7	60.5	63.2	64.1	65.2	66.0	66.3	66.9	67.5	67.7	68.4	68.5	68.6	68.7
GE 14000	52.5	54.6	58.8	60.9	63.5	64.5	65.6	66.5	66.8	67.3	68.0	68.2	68.8	68.9	69.0	69.1
GE 12000	53.9	56.0	60.6	62.7	65.6	66.6	67.6	68.5	68.8	69.4	70.0	70.2	70.9	71.0	71.1	71.2
GE 10000	56.0	58.3	63.2	65.3	68.5	69.7	70.9	71.8	72.2	72.7	73.3	73.5	74.2	74.3	74.4	74.5
GE 9000	56.9	59.1	64.1	66.1	69.7	70.9	72.2	73.1	73.4	74.0	74.6	74.8	75.5	75.6	75.7	75.8
GE 8000	59.0	61.4	66.5	68.6	72.4	73.5	74.9	76.1	76.5	77.0	77.7	78.0	78.6	78.7	78.8	78.9
GE 7000	59.4	61.7	67.0	69.1	72.9	74.1	75.5	76.7	77.0	77.5	78.3	78.5	79.1	79.2	79.4	79.5
GE 6000	59.8	62.2	67.5	69.9	73.7	74.8	76.3	77.5	77.8	78.4	79.1	79.4	80.0	80.1	80.2	80.3
GE 5000	60.4	63.0	68.6	71.0	74.8	76.0	77.5	78.7	79.0	79.6	80.3	80.5	81.2	81.3	81.4	81.5
GE 4500	60.8	63.3	69.0	71.4	75.4	76.6	78.4	79.6	80.0	80.5	81.3	81.5	82.2	82.3	82.4	82.5
GE 4000	62.5	65.3	71.2	73.8	78.2	79.4	81.3	82.5	82.9	83.5	84.3	84.5	85.2	85.4	85.5	85.7
GE 3500	63.4	66.5	72.4	74.9	79.7	80.9	83.1	84.4	84.8	85.5	86.2	86.5	87.1	87.3	87.4	87.6
GE 3000	64.9	68.2	74.1	76.8	81.8	83.0	85.5	86.8	87.2	87.8	88.7	88.9	89.6	89.8	89.9	90.1
GE 2500	65.8	69.0	75.2	78.0	83.1	84.3	87.1	88.4	88.8	89.5	90.3	90.5	91.2	91.4	91.5	91.7
GE 2000	66.1	69.4	75.7	78.6	84.1	85.4	88.2	89.6	90.0	90.6	91.5	91.7	92.4	92.6	92.7	92.9
GE 1800	66.2	69.5	75.8	78.7	84.2	85.5	88.3	89.8	90.2	90.9	91.7	91.9	92.6	92.8	92.9	93.1
GE 1500	66.9	70.2	76.7	79.6	85.1	86.3	89.2	90.8	91.2	91.8	92.7	92.9	93.5	93.8	93.9	94.1
GE 1200	67.2	70.5	77.0	79.9	85.5	86.8	89.7	91.2	91.6	92.3	93.1	93.3	94.0	94.2	94.3	94.5
GE 1000	67.2	70.5	77.0	80.0	85.6	86.9	90.0	91.5	91.9	92.6	93.4	93.7	94.3	94.5	94.6	94.8
GE 900	67.2	70.5	77.0	80.0	85.7	87.0	90.1	91.8	92.3	92.9	93.8	94.0	94.6	94.8	94.9	95.2
GE 800	67.6	71.0	77.4	80.5	86.6	88.0	91.6	93.3	93.8	94.4	95.3	95.5	96.1	96.3	96.5	96.7
GE 700	67.8	71.2	77.6	80.9	86.8	88.2	91.9	93.8	94.2	94.8	95.7	95.9	96.6	96.8	96.9	97.1
GE 600	68.0	71.3	77.7	81.0	87.0	88.4	92.2	94.0	94.4	95.1	95.9	96.1	96.8	97.0	97.1	97.3
GE 500	68.1	71.4	77.8	81.4	87.5	88.9	92.7	94.5	94.9	95.6	96.5	96.7	97.3	97.5	97.6	97.8
GE 400	68.2	71.5	78.0	81.7	87.8	89.2	93.0	95.2	95.6	96.3	97.2	97.4	98.2	98.5	98.6	98.8
GE 300	68.3	71.6	78.1	81.8	88.0	89.4	93.1	95.4	95.8	96.6	97.5	97.7	98.5	98.8	98.9	99.1
GE 200	68.3	71.6	78.1	81.8	88.0	89.4	93.1	95.5	95.9	96.7	97.6	97.8	98.9	99.2	99.4	99.7
GE 100	68.3	71.6	78.1	81.8	88.0	89.4	93.1	95.5	95.9	96.7	97.6	97.8	99.0	99.4	99.6	99.9
GE 000	68.3	71.6	78.1	81.8	88.0	89.4	93.1	95.5	95.9	96.7	97.6	97.8	99.0	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.0	42.4	45.4	46.9	49.4	50.4	52.2	52.9	53.1	53.3	53.5	53.5	53.7	53.8	53.8	53.8
GE 20000	43.4	47.8	50.3	52.0	54.9	56.3	58.1	59.1	59.4	60.0	60.4	60.4	60.5	60.6	60.6	60.6
GE 18000	43.7	48.1	50.5	52.3	55.2	56.6	58.3	59.4	59.6	60.2	60.6	60.6	60.8	60.9	60.9	60.9
GE 16000	43.8	48.3	50.8	52.5	55.4	56.8	58.5	59.6	59.8	60.4	60.9	60.9	61.0	61.1	61.1	61.1
GE 14000	44.1	48.6	51.2	52.9	55.8	57.2	58.9	60.0	60.2	60.9	61.3	61.3	61.4	61.5	61.5	61.5
GE 12000	45.2	49.8	52.6	54.3	57.4	58.9	60.6	61.7	61.9	62.6	63.1	63.1	63.2	63.3	63.3	63.3
GE 10000	47.1	52.0	54.9	57.0	60.3	61.9	63.8	65.2	65.4	66.0	66.6	66.6	66.7	66.8	66.9	67.0
GE 9000	48.1	53.3	56.3	58.4	61.9	63.5	65.4	66.8	67.0	67.6	68.2	68.2	68.3	68.4	68.5	68.6
GE 8000	51.0	56.8	59.9	62.2	65.8	67.5	69.5	71.6	71.8	72.5	73.0	73.0	73.1	73.2	73.3	73.4
GE 7000	51.7	57.5	61.2	63.7	67.3	69.1	71.4	73.7	73.9	74.5	75.1	75.1	75.2	75.3	75.4	75.5
GE 6000	52.3	58.2	62.2	64.7	68.5	70.3	72.6	74.8	75.1	75.8	76.3	76.3	76.5	76.6	76.7	76.8
GE 5000	53.2	59.1	63.2	65.9	69.9	71.7	74.1	76.5	76.7	77.4	78.0	78.0	78.1	78.2	78.3	78.4
GE 4500	53.9	59.9	64.1	66.8	70.8	72.7	75.1	77.5	78.0	78.7	79.2	79.2	79.4	79.5	79.6	79.7
GE 4000	55.2	61.4	65.7	68.6	72.7	74.6	77.3	80.0	80.4	81.2	81.7	81.8	81.9	82.0	82.2	82.3
GE 3500	55.7	61.9	66.3	69.2	73.7	75.7	78.6	81.5	82.0	82.8	83.3	83.4	83.5	83.7	83.8	83.9
GE 3000	56.8	63.1	67.8	70.8	75.3	77.3	80.5	83.9	84.6	85.4	85.9	86.0	86.1	86.2	86.3	86.5
GE 2500	57.2	63.5	68.3	71.2	75.7	77.8	81.2	84.5	85.3	86.0	86.6	86.7	86.8	86.9	87.0	87.1
GE 2000	58.8	65.3	70.0	72.9	77.4	79.6	82.9	86.2	87.0	87.7	88.3	88.4	88.5	88.6	88.7	88.8
GE 1800	59.7	66.2	71.0	74.0	78.5	80.6	84.1	87.5	88.3	89.0	89.6	89.7	89.8	89.9	90.0	90.1
GE 1500	59.9	66.6	71.5	74.5	79.4	81.8	85.4	89.1	89.9	90.9	91.4	91.5	91.6	91.7	91.8	91.9
GE 1200	60.1	66.8	71.8	74.8	79.8	82.4	85.9	89.8	90.5	91.6	92.2	92.3	92.4	92.5	92.6	92.7
GE 1000	60.2	67.0	72.3	75.4	80.4	83.0	86.7	90.5	91.3	92.5	93.0	93.1	93.2	93.3	93.4	93.5
GE 900	60.2	67.0	72.3	75.5	80.6	83.3	87.0	91.0	91.7	92.9	93.4	93.5	93.7	93.8	93.9	94.0
GE 800	60.2	67.1	72.6	75.8	81.2	83.9	87.6	91.9	92.7	93.9	94.4	94.5	94.6	94.7	94.8	94.9
GE 700	60.2	67.1	72.6	75.8	81.3	84.2	88.0	92.5	93.3	94.5	95.1	95.2	95.3	95.4	95.5	95.6
GE 600	60.2	67.1	72.6	75.8	81.3	84.3	88.2	92.8	93.7	94.9	95.5	95.6	95.7	95.8	95.9	96.0
GE 500	60.2	67.2	72.8	76.0	81.6	84.6	88.5	93.2	94.2	95.6	96.2	96.3	96.5	96.6	96.7	96.8
GE 400	60.2	67.2	72.8	76.0	81.8	84.9	89.0	94.2	95.3	96.9	97.5	97.6	97.7	97.8	98.0	98.1
GE 300	60.2	67.2	72.8	76.0	81.8	84.9	89.1	94.4	95.5	97.2	98.0	98.1	98.2	98.3	98.5	98.6
GE 200	60.2	67.2	72.8	76.0	81.8	84.9	89.1	94.6	95.7	97.4	98.2	98.3	98.6	98.7	99.1	99.4
GE 100	60.2	67.2	72.8	76.0	81.8	84.9	89.1	94.6	95.7	97.4	98.2	98.3	98.6	98.7	99.4	99.9
GE 000	60.2	67.2	72.8	76.0	81.8	84.9	89.1	94.6	95.7	97.4	98.2	98.3	98.6	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 09-11

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.5	48.8	50.1	50.6	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	48.6	53.7	55.6	56.2	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	49.0	54.1	56.0	56.7	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	49.0	54.1	56.0	56.7	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 14000	49.4	54.4	56.3	57.0	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	51.3	56.9	59.0	59.8	61.3	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 10000	53.0	58.6	60.9	61.9	63.8	64.2	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	53.8	59.4	61.6	62.9	64.8	65.3	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 8000	56.5	62.3	64.6	66.1	68.4	68.8	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	53.5	64.3	66.8	68.4	70.8	71.2	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	58.8	64.6	67.1	68.7	71.3	71.7	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	59.9	65.7	68.2	69.8	72.4	72.8	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4500	60.4	66.5	69.1	71.0	73.5	74.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	61.4	67.5	70.5	72.6	75.6	76.1	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3500	62.5	68.7	72.0	74.5	77.8	78.4	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3000	65.3	71.8	75.4	78.2	81.8	82.7	83.7	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2500	66.5	73.1	77.0	79.9	83.8	84.7	85.8	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000	68.2	74.9	78.8	81.8	85.9	86.9	88.0	88.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	68.8	75.6	79.5	82.5	86.7	87.6	88.7	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	69.5	76.5	80.6	84.1	88.6	89.6	90.6	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	70.1	77.1	81.5	85.2	90.1	91.1	92.3	93.2	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	70.3	77.5	82.4	86.1	91.2	92.2	93.3	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	70.3	77.6	82.5	86.7	91.7	92.8	94.4	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	70.3	77.7	82.6	86.9	91.9	93.0	94.6	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	70.3	77.7	83.0	87.4	92.6	93.9	95.5	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	70.5	78.0	83.2	87.6	93.1	94.5	96.1	97.3	97.6	97.8	98.0	98.1	98.1	98.1	98.1	98.1
GE 500	70.5	78.2	83.4	87.8	93.4	95.1	96.7	98.0	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0
GE 400	70.5	78.3	83.5	88.0	93.8	95.4	97.0	98.5	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9
GE 300	70.5	78.3	83.5	88.0	93.8	95.4	97.0	98.5	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9
GE 200	70.5	78.3	83.5	88.0	93.8	95.4	97.0	98.5	99.2	99.5	99.7	99.9	99.9	99.9	100.0	100.0
GE 100	70.5	78.3	83.5	88.0	93.8	95.4	97.0	98.5	99.2	99.5	99.7	99.9	99.9	99.9	100.0	100.0
GE 000	70.5	78.3	83.5	88.0	93.8	95.4	97.0	98.5	99.2	99.5	99.7	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.2	45.1	45.7	46.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 20000	49.1	52.5	53.2	54.5	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 18000	49.9	53.2	54.0	55.3	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	49.9	53.2	54.0	55.3	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	50.2	53.8	54.6	55.9	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 12000	52.7	56.5	57.7	59.4	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 10000	55.5	59.5	60.9	62.8	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	55.8	59.9	61.4	63.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 8000	58.9	63.9	65.6	68.2	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	61.2	66.2	68.0	70.6	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 6000	61.6	66.9	68.6	71.5	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 5000	62.0	67.3	69.1	72.2	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4500	62.8	68.1	69.9	72.9	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	64.9	71.5	73.4	76.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	66.2	73.4	75.8	79.6	82.7	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000	70.1	78.0	80.6	84.5	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500	71.4	79.5	82.2	86.1	89.6	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	72.7	80.9	83.8	87.8	91.6	91.8	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	72.9	81.3	84.2	88.4	92.2	92.4	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	73.0	81.7	84.6	89.2	93.4	93.7	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	73.5	82.7	85.6	90.4	95.1	95.3	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	73.7	83.3	86.3	91.6	96.2	96.5	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	73.7	83.4	86.6	92.3	96.9	97.1	97.5	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	73.7	83.5	86.7	92.5	97.2	97.4	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	73.8	83.7	86.9	92.7	97.4	97.6	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	73.8	83.7	86.9	92.7	97.4	97.6	98.1	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	73.8	83.7	87.0	92.9	97.7	98.0	98.4	99.2	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	73.8	83.7	87.0	92.9	97.7	98.0	98.4	99.2	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	73.8	83.7	87.0	92.9	97.7	98.0	98.4	99.2	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	73.8	83.7	87.0	92.9	97.7	98.0	98.4	99.2	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	73.8	83.7	87.0	92.9	97.7	98.0	98.4	99.2	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	73.8	83.7	87.0	92.9	97.7	98.0	98.4	99.2	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.7	46.0	47.6	48.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 20000	49.5	53.1	54.9	56.5	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	49.7	53.3	55.2	56.7	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	49.7	53.3	55.2	56.7	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 14000	50.1	54.0	55.8	57.3	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 12000	52.3	56.5	59.2	61.2	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 10000	55.2	59.4	62.9	65.2	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	56.2	60.8	64.3	66.6	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 8000	59.2	64.5	68.4	71.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	60.3	65.8	69.8	72.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	61.0	66.5	70.6	73.9	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 5000	62.6	68.3	72.7	76.3	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4500	63.5	69.5	74.2	78.0	80.5	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4000	66.5	73.1	78.4	82.5	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3500	69.0	75.8	81.4	85.7	88.7	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	71.8	78.6	84.7	89.5	92.7	92.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	72.8	79.7	85.8	90.8	94.3	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	73.1	80.0	86.1	91.1	94.6	94.7	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	73.1	80.0	86.1	91.1	94.6	94.7	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	73.5	80.6	86.8	92.0	96.1	96.2	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	74.0	81.1	87.3	92.6	97.2	97.3	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	74.2	81.4	87.7	93.1	97.7	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	74.3	81.5	87.8	93.2	98.0	98.1	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	74.3	81.5	87.8	93.2	98.0	98.1	98.5	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	74.3	81.5	87.8	93.2	98.0	98.1	98.5	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	74.3	81.5	87.8	93.2	98.1	98.3	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	74.3	81.5	87.8	93.2	98.1	98.3	98.7	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	74.3	81.5	87.8	93.2	98.1	98.3	98.7	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	74.3	81.5	87.8	93.2	98.1	98.3	98.7	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.3	81.5	87.8	93.2	98.1	98.3	98.7	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.3	81.5	87.8	93.2	98.1	98.3	98.7	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	74.3	81.5	87.8	93.2	98.1	98.3	98.7	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC. ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	50.5	53.2	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 20000	54.8	58.6	61.6	64.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	55.3	59.0	62.0	64.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	55.3	59.0	62.0	64.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	56.0	59.8	62.8	65.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	57.4	61.5	64.7	67.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 10000	60.3	64.5	68.0	71.2	72.5	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 9000	60.5	65.1	68.5	71.7	73.0	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	63.5	68.7	72.9	76.8	78.2	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 7000	64.6	69.8	74.1	78.1	79.8	80.1	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 6000	65.2	70.3	75.1	79.1	81.0	81.3	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	66.1	71.3	76.0	80.4	82.5	82.8	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	67.0	72.3	77.4	81.8	84.0	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	69.1	75.2	81.0	85.7	88.0	88.3	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500	70.4	76.6	82.5	87.7	90.4	90.8	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	71.6	77.8	84.1	89.7	92.7	93.1	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	72.0	78.3	84.6	90.4	93.4	93.9	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	73.0	79.5	85.8	91.6	94.6	95.1	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	73.1	79.6	85.9	91.7	94.7	95.2	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	73.3	79.8	86.5	92.4	95.5	95.9	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
GE 1200	73.3	79.8	86.5	92.5	95.6	96.0	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
GE 1000	73.4	80.0	86.8	92.9	96.1	96.6	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0
GE 900	73.4	80.1	86.9	93.1	96.5	96.9	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 800	73.5	80.2	87.1	93.3	96.7	97.1	97.8	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 700	73.5	80.2	87.1	93.3	96.8	97.2	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 600	73.5	80.2	87.1	93.3	96.8	97.2	98.1	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 500	73.5	80.2	87.1	93.3	96.9	97.3	98.2	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6
GE 400	73.5	80.2	87.1	93.3	97.0	97.4	98.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8
GE 300	73.5	80.2	87.1	93.3	97.0	97.4	98.3	99.4	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0
GE 200	73.5	80.2	87.1	93.3	97.0	97.4	98.3	99.4	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0
GE 100	73.5	80.2	87.1	93.3	97.0	97.4	98.3	99.4	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0
GE 000	73.5	80.2	87.1	93.3	97.0	97.4	98.3	99.4	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 70

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.7	57.1	60.0	61.5	62.5	62.6	62.9	62.9	63.1	63.1	63.1	63.1	63.2	63.2	63.4	63.5
GE 20000	57.7	61.7	64.9	66.8	67.8	68.0	68.5	68.5	68.7	68.7	68.7	68.7	68.8	68.8	69.0	69.1
GE 18000	58.1	62.0	65.3	67.1	68.2	68.3	68.8	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.4	69.5
GE 16000	58.1	62.0	65.3	67.1	68.2	68.3	68.8	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.4	69.5
GE 14000	58.5	62.5	65.7	67.5	68.9	69.0	69.6	69.6	69.8	69.8	69.8	69.8	69.9	69.9	70.1	70.2
GE 12000	59.6	63.5	66.9	68.8	70.3	70.4	71.0	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.5	71.6
GE 10000	61.5	65.6	69.6	71.5	73.0	73.1	73.7	73.7	73.9	73.9	73.9	73.9	74.0	74.0	74.2	74.3
GE 9000	62.0	66.2	70.3	72.4	73.9	74.0	74.5	74.5	74.7	74.7	74.7	74.7	74.8	74.8	75.1	75.2
GE 8000	64.3	68.9	73.2	75.5	77.0	77.1	77.6	78.0	78.2	78.2	78.2	78.2	78.3	78.3	78.5	78.6
GE 7000	64.9	69.8	74.1	76.5	78.0	78.1	78.6	78.9	79.1	79.1	79.1	79.1	79.2	79.2	79.5	79.6
GE 6000	65.9	70.8	75.6	78.0	79.5	79.6	80.1	80.4	80.6	80.6	80.6	80.6	80.8	80.8	81.0	81.1
GE 5000	67.0	71.9	77.0	79.7	81.5	81.6	82.2	82.5	82.7	82.7	82.7	82.7	82.8	82.8	83.0	83.1
GE 4500	67.6	72.6	77.6	80.4	82.7	82.9	83.7	84.0	84.2	84.2	84.2	84.2	84.3	84.3	84.5	84.6
GE 4000	69.7	74.9	80.8	84.3	87.6	88.0	88.9	89.2	89.5	89.5	89.5	89.5	89.6	89.6	89.8	89.9
GE 3500	70.3	75.6	81.4	85.2	88.8	89.1	90.4	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.4	91.5
GE 3000	71.6	77.1	83.2	87.0	90.9	91.3	92.8	93.4	93.7	93.7	93.7	93.7	93.8	93.8	94.0	94.1
GE 2500	71.9	77.4	84.1	88.1	91.9	92.4	94.1	94.7	94.9	94.9	94.9	94.9	95.1	95.1	95.3	95.4
GE 2000	72.6	78.1	84.7	88.8	92.8	93.2	94.9	95.6	95.8	95.8	95.8	95.8	95.9	95.9	96.1	96.2
GE 1800	72.7	78.2	84.8	88.9	92.9	93.3	95.1	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.2	96.3
GE 1500	73.1	78.7	85.6	89.8	93.9	94.3	96.2	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.5	97.6
GE 1200	73.3	78.9	85.9	90.1	94.5	94.9	96.9	97.6	97.8	97.8	97.8	97.8	98.0	98.0	98.2	98.3
GE 1000	73.3	78.9	85.9	90.1	94.5	94.9	96.9	97.6	97.8	97.8	97.8	97.8	98.0	98.0	98.2	98.3
GE 900	73.4	79.0	86.1	90.3	94.7	95.2	97.1	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.4	98.5
GE 800	73.5	79.1	86.2	90.4	94.8	95.3	97.2	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.5	98.6
GE 700	73.5	79.1	86.2	90.4	94.8	95.3	97.2	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.5	98.6
GE 600	73.5	79.1	86.2	90.4	94.8	95.3	97.4	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.8	98.9
GE 500	73.5	79.1	86.2	90.4	94.8	95.3	97.5	98.4	98.8	98.9	99.0	99.0	99.1	99.1	99.4	99.5
GE 400	73.5	79.1	86.2	90.4	94.8	95.3	97.5	98.4	98.8	99.0	99.1	99.1	99.2	99.2	99.5	99.6
GE 300	73.5	79.1	86.2	90.4	94.8	95.3	97.5	98.4	98.8	99.0	99.1	99.1	99.2	99.2	99.5	99.6
GE 200	73.5	79.1	86.2	90.4	94.8	95.3	97.5	98.4	98.8	99.0	99.1	99.1	99.2	99.2	99.5	99.9
GE 100	73.5	79.1	86.2	90.4	94.8	95.3	97.5	98.4	98.8	99.0	99.1	99.1	99.2	99.2	99.5	100.0
GE 000	73.5	79.1	86.2	90.4	94.8	95.3	97.5	98.4	98.8	99.0	99.1	99.1	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.4	49.6	51.7	53.2	54.7	55.0	55.4	55.6	55.8	55.9	56.0	56.0	56.2	56.2	56.2	56.3
GE 20000	51.6	55.2	57.8	59.5	61.2	61.6	62.1	62.4	62.6	62.7	62.9	62.9	63.0	63.1	63.1	63.1
GE 18000	51.9	55.6	58.1	59.9	61.5	61.9	62.4	62.7	62.9	63.1	63.2	63.2	63.4	63.4	63.4	63.5
GE 16000	51.9	55.6	58.1	59.9	61.6	62.0	62.5	62.7	62.9	63.1	63.2	63.3	63.4	63.4	63.5	63.5
GE 14000	52.3	56.1	58.7	60.4	62.2	62.6	63.1	63.4	63.6	63.8	63.9	63.9	64.1	64.1	64.1	64.2
GE 12000	54.0	57.9	60.8	62.8	64.7	65.1	65.6	65.9	66.1	66.3	66.4	66.5	66.6	66.6	66.7	66.7
GE 10000	56.2	60.3	63.5	65.7	67.8	68.4	69.0	69.3	69.5	69.7	69.8	69.9	70.0	70.0	70.1	70.1
GE 9000	56.9	61.1	64.4	66.6	68.8	69.4	70.0	70.3	70.5	70.7	70.9	70.9	71.0	71.0	71.1	71.1
GE 8000	59.4	64.1	67.6	70.2	72.6	73.1	73.8	74.4	74.6	74.7	74.9	75.0	75.1	75.1	75.2	75.2
GE 7000	60.5	65.2	69.0	71.7	74.1	74.7	75.5	76.1	76.3	76.4	76.6	76.6	76.8	76.8	76.9	76.9
GE 6000	61.1	65.9	69.9	72.7	75.2	75.8	76.6	77.2	77.4	77.5	77.7	77.8	77.9	77.9	78.0	78.0
GE 5000	62.1	66.9	71.0	74.0	76.7	77.3	78.1	78.8	78.9	79.1	79.3	79.3	79.5	79.5	79.6	79.6
GE 4500	62.7	67.6	71.9	74.9	77.7	78.4	79.3	79.9	80.2	80.3	80.5	80.6	80.7	80.7	80.8	80.8
GE 4000	64.6	70.0	74.7	78.0	81.3	81.9	83.0	83.7	83.9	84.1	84.3	84.4	84.5	84.5	84.6	84.7
GE 3500	65.8	71.4	76.2	79.8	83.4	84.1	85.4	86.2	86.4	86.6	86.8	86.9	87.0	87.1	87.1	87.2
GE 3000	67.8	73.7	78.8	82.5	86.4	87.2	88.5	89.5	89.8	90.0	90.2	90.3	90.4	90.4	90.5	90.5
GE 2500	68.6	74.5	79.8	83.7	87.6	88.4	89.9	90.9	91.2	91.4	91.6	91.6	91.8	91.8	91.9	91.9
GE 2000	69.5	75.5	80.9	84.8	88.9	89.7	91.2	92.2	92.5	92.7	92.9	93.0	93.1	93.2	93.2	93.3
GE 1800	69.8	75.9	81.2	85.2	89.3	90.1	91.6	92.6	93.0	93.2	93.4	93.4	93.6	93.6	93.7	93.7
GE 1500	70.2	76.4	81.9	86.0	90.4	91.2	92.8	93.9	94.2	94.5	94.7	94.7	94.9	94.9	95.0	95.0
GE 1200	70.5	76.8	82.3	86.5	91.1	92.0	93.6	94.8	95.1	95.3	95.6	95.6	95.8	95.8	95.9	95.9
GE 1000	70.6	77.0	82.7	87.0	91.7	92.6	94.3	95.4	95.8	96.0	96.3	96.3	96.4	96.5	96.5	96.6
GE 900	70.6	77.1	82.8	87.2	92.0	92.9	94.7	95.9	96.2	96.5	96.7	96.7	96.9	96.9	97.0	97.0
GE 800	70.7	77.2	83.0	87.4	92.3	93.2	95.1	96.3	96.7	97.0	97.2	97.3	97.4	97.4	97.5	97.6
GE 700	70.8	77.3	83.1	87.6	92.5	93.5	95.4	96.7	97.1	97.4	97.6	97.6	97.8	97.8	97.9	97.9
GE 600	70.8	77.3	83.2	87.6	92.6	93.6	95.6	97.0	97.4	97.7	98.0	98.0	98.2	98.2	98.3	98.3
GE 500	70.9	77.4	83.2	87.8	92.8	93.9	95.9	97.4	97.9	98.3	98.6	98.7	98.8	98.8	98.9	99.0
GE 400	70.9	77.4	83.3	87.8	93.0	94.0	96.1	97.7	98.2	98.7	99.0	99.1	99.2	99.3	99.4	99.4
GE 300	70.9	77.4	83.3	87.8	93.0	94.0	96.1	97.8	98.3	98.8	99.2	99.2	99.4	99.4	99.5	99.6
GE 200	70.9	77.4	83.3	87.8	93.0	94.0	96.1	97.8	98.4	98.8	99.2	99.3	99.5	99.6	99.7	99.8
GE 100	70.9	77.4	83.3	87.8	93.0	94.0	96.1	97.8	98.4	98.8	99.2	99.3	99.5	99.6	99.7	99.9
GE 000	70.9	77.4	83.3	87.8	93.0	94.0	96.1	97.8	98.4	98.8	99.2	99.3	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.9	48.6	50.7	52.7	54.4	54.6	54.8	54.9	54.9	54.9	55.0	55.0	55.4	55.6	55.6	55.6
GE 20000	48.2	51.1	53.4	55.4	57.2	57.3	57.6	57.7	57.7	57.7	57.8	57.8	58.2	58.3	58.3	58.3
GE 18000	48.2	51.1	53.4	55.4	57.2	57.3	57.6	57.7	57.7	57.7	57.8	57.8	58.2	58.3	58.3	58.3
GE 16000	48.2	51.1	53.4	55.4	57.2	57.3	57.6	57.7	57.7	57.7	57.8	57.8	58.2	58.3	58.3	58.3
GE 14000	48.6	51.4	53.9	55.9	57.8	57.9	58.2	58.3	58.3	58.3	58.4	58.4	58.9	59.0	59.0	59.0
GE 12000	49.0	51.9	54.7	56.7	58.6	58.8	59.1	59.2	59.2	59.2	59.3	59.3	59.8	59.9	59.9	59.9
GE 10000	52.3	55.3	58.6	60.7	62.7	62.9	63.2	63.7	63.7	63.7	63.8	63.8	64.2	64.3	64.3	64.3
GE 9000	52.9	56.2	59.8	61.9	63.9	64.1	64.4	64.9	64.9	64.9	65.0	65.0	65.4	65.6	65.6	65.6
GE 8000	56.7	60.0	64.0	66.1	68.1	68.4	69.2	69.7	69.7	69.7	69.8	69.8	70.2	70.3	70.3	70.3
GE 7000	58.8	62.1	66.1	68.2	70.2	70.6	71.3	71.8	71.8	71.8	71.9	71.9	72.3	72.4	72.4	72.4
GE 6000	59.3	62.8	66.8	68.9	70.9	71.2	72.0	72.4	72.4	72.4	72.6	72.6	73.0	73.1	73.1	73.1
GE 5000	60.0	63.6	67.7	70.1	72.1	72.4	73.2	73.7	73.7	73.7	73.8	73.8	74.2	74.3	74.3	74.3
GE 4500	60.6	64.3	68.6	71.4	73.6	73.9	74.8	75.2	75.2	75.2	75.3	75.3	75.8	75.9	75.9	75.9
GE 4000	63.1	67.3	71.8	74.8	77.2	77.6	78.6	79.0	79.0	79.0	79.1	79.1	79.6	79.7	79.7	79.7
GE 3500	64.7	69.0	73.6	76.7	79.1	79.4	80.8	81.2	81.2	81.2	81.3	81.3	81.8	81.9	81.9	81.9
GE 3000	66.4	70.8	75.3	78.4	80.9	81.2	82.6	83.0	83.0	83.0	83.1	83.1	83.6	83.7	83.7	83.7
GE 2500	67.2	71.6	76.2	79.7	82.3	82.7	84.1	84.6	84.6	84.6	84.7	84.7	85.1	85.2	85.2	85.2
GE 2000	68.0	72.3	77.0	80.4	83.1	83.4	85.0	85.6	85.6	85.6	85.7	85.7	86.1	86.2	86.2	86.2
GE 1800	68.6	73.0	77.7	81.1	83.8	84.1	85.7	86.2	86.2	86.2	86.3	86.3	86.8	86.9	86.9	86.9
GE 1500	69.0	73.4	78.4	82.1	85.0	85.4	87.0	87.9	87.9	88.0	88.1	88.1	88.6	88.7	88.7	88.7
GE 1200	69.3	74.1	79.1	82.8	85.7	86.3	88.3	89.2	89.2	89.3	89.4	89.4	89.9	90.0	90.0	90.0
GE 1000	69.4	74.4	79.8	83.4	86.3	87.1	89.2	90.1	90.1	90.2	90.3	90.3	90.8	90.9	90.9	90.9
GE 900	70.2	75.2	80.7	84.4	87.3	88.1	90.2	91.1	91.1	91.2	91.3	91.3	91.8	91.9	91.9	91.9
GE 800	70.6	75.7	81.4	85.3	88.7	89.4	91.6	92.4	92.4	92.6	92.7	92.7	93.1	93.2	93.2	93.2
GE 700	70.7	75.9	81.7	85.9	89.2	90.2	92.3	93.2	93.2	93.3	93.4	93.4	93.9	94.0	94.0	94.0
GE 600	70.7	75.9	81.8	86.1	89.9	91.1	93.3	94.2	94.2	94.3	94.6	94.6	95.0	95.1	95.1	95.1
GE 500	70.7	76.0	82.0	86.7	90.9	92.2	94.8	95.7	95.7	95.8	96.0	96.0	96.4	96.6	96.6	96.6
GE 400	70.7	76.0	82.0	86.7	91.0	92.3	94.9	95.9	95.9	96.0	96.3	96.3	96.8	96.9	96.9	96.9
GE 300	70.8	76.1	82.1	87.2	91.8	93.1	95.8	97.0	97.0	97.1	97.4	97.4	97.9	98.0	98.0	98.0
GE 200	70.8	76.1	82.1	87.2	91.9	93.2	95.9	97.1	97.1	97.2	97.7	97.7	98.4	98.6	98.6	98.7
GE 100	70.8	76.1	82.1	87.2	91.9	93.2	95.9	97.1	97.1	97.2	97.7	97.7	98.7	98.8	99.0	99.6
GE 000	70.8	76.1	82.1	87.2	91.9	93.2	95.9	97.1	97.1	97.2	97.7	97.7	98.7	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.9	47.6	49.7	51.4	52.9	53.3	53.8	54.3	54.6	54.9	54.9	54.9	55.6	55.8	56.0	56.3
GE 20000	46.8	50.6	52.8	54.6	56.0	56.4	56.9	57.4	57.8	58.1	58.1	58.1	58.8	59.0	59.2	59.6
GE 18000	46.8	50.6	52.8	54.6	56.0	56.4	56.9	57.4	57.8	58.1	58.1	58.1	58.8	59.0	59.2	59.6
GE 16000	46.8	50.6	52.8	54.6	56.0	56.4	56.9	57.4	57.8	58.1	58.1	58.1	58.8	59.0	59.2	59.6
GE 14000	47.0	50.8	53.1	55.0	56.4	56.9	57.3	57.9	58.2	58.6	58.6	58.6	59.2	59.4	59.7	60.0
GE 12000	47.2	51.0	53.7	55.6	57.3	57.8	58.2	58.8	59.1	59.4	59.4	59.4	60.1	60.3	60.6	60.9
GE 10000	49.6	53.8	56.6	58.8	60.6	61.0	61.4	62.0	62.4	62.8	62.8	62.8	63.4	63.7	63.9	64.2
GE 9000	50.4	54.7	57.4	59.7	61.4	61.9	62.3	62.9	63.3	63.7	63.7	63.7	64.3	64.6	64.8	65.1
GE 8000	51.6	55.9	58.8	61.0	62.8	63.2	63.7	64.2	64.7	65.0	65.0	65.0	65.7	65.9	66.1	66.4
GE 7000	52.7	57.1	60.0	62.2	64.0	64.4	64.9	65.4	65.9	66.2	66.2	66.2	66.9	67.1	67.3	67.7
GE 6000	52.9	57.6	60.4	62.7	64.4	64.9	65.3	65.9	66.3	66.7	66.7	66.7	67.3	67.6	67.8	68.1
GE 5000	54.7	59.6	62.7	65.3	67.1	67.6	68.0	68.6	69.0	69.3	69.3	69.3	70.0	70.2	70.4	70.8
GE 4500	56.1	61.2	64.6	67.6	69.3	69.9	70.3	71.0	71.4	71.8	71.8	71.8	72.4	72.7	72.9	73.2
GE 4000	58.9	64.0	67.8	71.1	73.3	73.9	74.7	75.3	75.8	76.2	76.2	76.2	76.9	77.1	77.3	77.7
GE 3500	60.0	65.2	69.2	72.6	75.2	75.8	76.6	77.2	77.7	78.1	78.1	78.1	78.8	79.0	79.2	79.6
GE 3000	60.9	66.2	70.6	74.1	76.9	77.6	78.6	79.2	79.8	80.3	80.3	80.3	81.0	81.2	81.4	81.8
GE 2500	62.4	67.8	72.4	76.0	79.0	79.8	81.2	81.9	82.4	83.0	83.0	83.0	83.7	83.9	84.1	84.4
GE 2000	63.8	69.1	74.0	77.8	80.9	81.8	83.3	84.1	84.7	85.2	85.2	85.2	85.9	86.1	86.3	86.7
GE 1800	64.0	69.4	74.3	78.1	81.2	82.1	83.7	84.4	85.0	85.6	85.6	85.6	86.2	86.4	86.7	87.0
GE 1500	65.1	70.7	75.8	79.8	83.1	84.0	85.6	86.3	86.9	87.4	87.4	87.4	88.1	88.3	88.6	88.9
GE 1200	65.6	71.1	76.3	80.3	83.7	84.6	86.4	87.2	87.8	88.3	88.3	88.3	89.0	89.2	89.4	89.8
GE 1000	65.8	71.3	76.6	80.6	84.2	85.1	87.1	88.0	88.5	89.1	89.1	89.1	89.8	90.0	90.2	90.6
GE 900	66.1	71.7	77.2	81.2	85.0	85.9	87.9	88.8	89.3	89.9	89.9	89.9	90.6	90.8	91.0	91.3
GE 800	66.7	72.2	77.8	81.8	85.7	86.7	88.8	89.7	90.3	90.9	90.9	90.9	91.6	91.8	92.0	92.3
GE 700	66.7	72.2	78.0	82.0	86.2	87.2	89.4	90.3	91.0	91.6	91.6	91.6	92.2	92.4	92.7	93.0
GE 600	66.7	72.3	78.1	82.6	86.9	87.9	90.4	91.3	92.0	92.6	92.6	92.6	93.2	93.4	93.7	94.0
GE 500	66.9	72.6	78.6	83.1	87.6	88.6	91.4	92.3	93.0	93.6	93.6	93.6	94.3	94.6	94.8	95.1
GE 400	67.0	72.9	78.9	83.4	87.9	88.9	92.1	93.3	94.0	94.6	94.6	94.6	95.6	95.8	96.0	96.3
GE 300	67.0	72.9	78.9	83.4	87.9	88.9	92.2	93.6	94.2	95.0	95.0	95.0	96.0	96.2	96.4	96.8
GE 200	67.0	72.9	78.9	83.4	87.9	88.9	92.3	93.7	94.3	95.4	95.7	95.7	97.1	97.4	97.7	98.0
GE 100	67.0	72.9	78.9	83.4	87.9	88.9	92.3	93.8	94.4	95.7	96.1	96.1	97.9	98.2	98.4	99.1
GE 000	67.0	72.9	78.9	83.4	87.9	88.9	92.3	93.8	94.4	95.7	96.1	96.1	97.9	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.0	39.1	42.1	44.2	46.0	46.6	48.2	49.2	49.6	49.8	49.8	49.9	50.0	50.1	50.4	50.8
GE 20000	40.6	42.7	45.9	48.0	49.9	50.6	52.4	53.4	53.8	54.1	54.1	54.2	54.3	54.4	54.9	55.2
GE 18000	40.8	43.0	46.2	48.3	50.3	51.0	52.9	54.0	54.3	54.7	54.7	54.8	54.9	55.0	55.4	55.8
GE 16000	40.8	43.0	46.2	48.3	50.3	51.0	52.9	54.0	54.3	54.7	54.7	54.8	54.9	55.0	55.4	55.8
GE 14000	40.8	43.0	46.2	48.3	50.3	51.0	52.9	54.1	54.4	54.9	54.9	55.0	55.1	55.2	55.7	56.0
GE 12000	41.6	43.8	47.4	49.7	51.9	52.6	54.4	55.7	56.0	56.4	56.4	56.6	56.7	56.8	57.2	57.6
GE 10000	43.3	45.7	49.3	51.8	54.2	55.0	57.0	58.2	58.6	59.0	59.0	59.1	59.2	59.3	59.8	60.1
GE 9000	44.1	46.6	50.6	53.0	55.7	56.4	58.4	59.7	60.0	60.4	60.4	60.6	60.7	60.8	61.2	61.6
GE 8000	47.0	49.8	54.0	57.0	59.8	60.6	62.7	64.0	64.3	64.9	64.9	65.0	65.1	65.2	65.7	66.0
GE 7000	48.1	50.9	55.2	58.4	61.2	62.0	64.4	65.8	66.1	66.7	66.7	66.8	66.9	67.0	67.4	67.8
GE 6000	48.6	51.3	55.7	59.0	61.8	62.6	65.0	66.3	66.7	67.2	67.2	67.3	67.4	67.6	68.0	68.3
GE 5000	50.3	53.1	57.4	61.0	63.8	64.7	67.2	68.6	69.0	69.7	69.7	69.8	69.9	70.0	70.4	70.8
GE 4500	51.4	54.3	59.1	62.7	65.4	66.3	68.9	70.4	70.9	71.6	71.6	71.7	71.8	71.9	72.3	72.7
GE 4000	53.0	55.9	60.9	65.0	68.1	69.1	71.7	73.2	73.7	74.3	74.3	74.4	74.6	74.7	75.1	75.4
GE 3500	53.3	56.3	61.4	65.7	69.1	70.1	72.7	74.6	75.0	75.7	75.7	75.8	75.9	76.0	76.4	76.8
GE 3000	55.1	58.2	63.3	67.6	71.2	72.2	75.0	77.1	77.6	78.2	78.2	78.3	78.4	78.6	79.0	79.3
GE 2500	56.8	60.0	65.1	69.3	73.1	74.4	77.3	79.4	79.9	80.6	80.6	80.7	80.8	80.9	81.3	81.7
GE 2000	57.4	60.9	66.0	70.6	74.8	76.1	79.4	81.9	82.3	83.1	83.1	83.2	83.3	83.4	83.9	84.2
GE 1800	57.6	61.0	66.2	70.9	75.1	76.4	79.9	82.3	82.8	83.6	83.6	83.7	83.8	83.9	84.3	84.7
GE 1500	59.0	62.4	67.7	72.4	76.9	78.2	81.7	84.4	84.9	85.7	85.7	85.8	85.9	86.0	86.4	86.8
GE 1200	59.7	63.2	68.6	73.3	78.0	79.6	83.0	85.9	86.3	87.1	87.1	87.2	87.3	87.4	87.9	88.2
GE 1000	59.8	63.3	69.0	74.0	78.8	80.4	83.9	86.8	87.3	88.1	88.1	88.2	88.3	88.4	88.9	89.2
GE 900	59.8	63.3	69.4	74.6	79.7	81.3	85.3	88.2	88.8	89.6	89.6	89.7	89.8	89.9	90.3	90.7
GE 800	60.1	63.7	70.0	75.1	80.7	82.3	86.4	89.3	90.2	91.0	91.0	91.1	91.2	91.3	91.8	92.1
GE 700	60.3	63.9	70.2	75.3	81.6	83.2	87.4	90.3	91.2	92.0	92.0	92.1	92.2	92.3	92.8	93.1
GE 600	60.6	64.2	70.6	75.8	82.3	84.0	88.2	91.1	92.0	92.8	92.8	92.9	93.0	93.1	93.6	93.9
GE 500	60.7	64.3	70.8	76.2	83.2	85.1	89.7	92.8	93.7	94.4	94.4	94.6	94.7	94.8	95.2	95.6
GE 400	60.7	64.3	70.9	76.3	83.4	85.6	90.2	93.3	94.3	95.1	95.1	95.2	95.4	95.6	96.0	96.3
GE 300	60.7	64.3	71.0	76.4	83.6	85.7	90.3	93.4	94.7	95.7	96.1	96.2	96.7	96.8	97.2	97.6
GE 200	60.7	64.3	71.0	76.4	83.9	86.0	90.7	93.8	95.0	96.2	96.9	97.0	97.7	97.8	98.2	98.6
GE 100	60.7	64.3	71.0	76.4	83.9	86.0	90.7	93.8	95.0	96.2	96.9	97.0	97.7	97.8	98.3	99.3
GE 000	60.7	64.3	71.0	76.4	83.9	86.0	90.7	93.8	95.0	96.2	96.9	97.0	97.7	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.1	44.0	46.6	48.1	49.3	49.4	49.4	49.7	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0
GE 20000	43.4	47.8	50.4	52.1	53.4	53.7	53.9	54.1	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4
GE 18000	44.1	48.4	51.1	52.8	54.1	54.3	54.6	54.8	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
GE 16000	44.1	48.4	51.1	52.8	54.1	54.3	54.6	54.8	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
GE 14000	44.2	48.6	51.2	52.9	54.2	54.4	54.7	54.9	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
GE 12000	44.9	49.2	51.9	53.6	55.0	55.2	55.4	55.8	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1
GE 10000	47.2	52.2	55.3	57.0	58.4	58.7	58.9	59.2	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6
GE 9000	48.1	53.4	56.7	58.4	59.9	60.1	60.3	60.7	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0
GE 8000	50.0	55.7	59.1	61.0	63.0	63.2	63.4	63.8	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1
GE 7000	51.6	57.4	61.1	63.1	65.3	65.6	65.8	66.1	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4
GE 6000	52.3	58.2	62.0	64.0	66.2	66.4	66.7	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
GE 5000	52.9	58.8	62.8	64.9	67.1	67.3	67.6	67.9	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3
GE 4500	53.1	59.1	63.4	65.8	68.0	68.2	68.4	68.9	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3
GE 4000	54.7	60.8	65.3	67.8	70.2	70.4	70.7	71.1	71.3	71.4	71.4	71.4	71.6	71.6	71.6	71.6
GE 3500	55.1	61.2	65.8	68.2	70.8	71.0	71.3	71.9	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3
GE 3000	58.7	64.9	69.8	72.8	75.8	76.1	76.4	77.0	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4
GE 2500	59.7	66.3	71.4	74.9	78.2	78.7	79.0	79.6	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0
GE 2000	60.7	67.7	72.9	76.3	79.8	80.2	80.6	81.1	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.6
GE 1800	61.1	68.1	73.3	76.8	80.2	80.7	81.0	81.6	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 1500	62.0	69.0	74.4	78.1	81.9	82.3	82.8	83.4	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9
GE 1200	62.9	70.0	75.8	79.9	84.1	84.7	85.1	85.8	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2
GE 1000	63.2	70.8	77.1	81.7	86.1	86.9	87.3	88.2	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 900	63.6	71.4	78.1	83.2	88.0	89.2	90.0	90.9	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 800	63.9	72.0	78.9	84.2	89.3	90.7	91.8	92.8	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 700	64.1	72.3	79.2	84.9	90.1	91.6	92.7	93.8	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 600	64.1	72.4	79.4	85.3	90.9	92.4	93.6	95.2	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 500	64.2	72.6	79.7	85.7	91.4	93.0	94.2	96.2	96.6	96.9	96.9	96.9	97.1	97.1	97.1	97.1
GE 400	64.2	72.6	79.7	85.7	91.7	93.4	94.9	97.2	97.6	98.0	98.1	98.1	98.3	98.3	98.3	98.3
GE 300	64.2	72.6	79.7	85.8	91.8	93.6	95.1	97.7	98.1	98.7	98.8	98.8	99.3	99.3	99.3	99.4
GE 200	64.2	72.6	79.7	85.8	91.8	93.6	95.1	97.8	98.2	98.8	98.9	98.9	99.4	99.4	99.4	99.6
GE 100	64.2	72.6	79.7	85.8	91.8	93.6	95.1	97.8	98.2	98.8	98.9	98.9	99.6	99.9	99.9	100.0
GE 000	64.2	72.6	79.7	85.8	91.8	93.6	95.1	97.8	98.2	98.8	98.9	98.9	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.7	43.6	46.4	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	43.8	48.0	51.7	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 18000	44.1	48.3	52.0	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 16000	44.1	48.3	52.0	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 14000	44.2	48.6	52.3	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 12000	45.1	49.4	53.6	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 10000	48.0	52.7	57.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 9000	48.4	53.7	58.0	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000	50.8	56.1	60.6	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 7000	53.1	58.8	63.4	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 6000	53.4	59.1	63.9	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	54.0	59.7	64.4	66.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	54.6	60.7	65.8	68.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4000	56.3	62.4	67.7	70.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 3500	57.6	63.7	69.0	71.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000	62.9	69.7	75.3	78.3	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	65.3	72.2	78.2	81.7	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2000	67.9	74.9	81.0	84.4	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1800	67.9	74.9	81.0	85.0	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1500	68.4	75.6	82.2	86.3	88.4	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	69.1	76.3	83.6	88.4	91.3	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	69.4	76.9	84.6	89.9	93.1	93.3	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	69.8	77.2	85.0	90.4	93.7	93.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	70.2	77.7	85.6	91.2	94.7	95.0	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	70.2	77.7	85.9	91.9	95.3	95.7	96.4	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	70.3	77.8	86.1	92.3	96.2	96.7	97.4	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	70.3	77.8	86.1	92.3	96.6	97.0	97.8	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	70.3	77.8	86.1	92.3	96.9	97.6	98.4	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	70.3	77.8	86.1	92.3	96.9	97.6	98.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	70.3	77.8	86.1	92.3	96.9	97.6	98.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	70.3	77.8	86.1	92.3	96.9	97.6	98.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	70.3	77.8	86.1	92.3	96.9	97.6	98.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.4	41.9	45.0	46.6	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000	42.3	46.4	50.2	52.1	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 18000	42.8	47.0	50.9	52.9	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 16000	42.8	47.0	50.9	52.9	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 14000	44.0	48.3	52.3	54.3	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 12000	44.8	49.1	53.7	55.9	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 10000	47.1	52.2	56.8	59.0	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 9000	47.4	52.7	57.2	59.7	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000	49.8	55.4	61.0	64.0	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000	52.7	58.3	63.9	67.0	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 6000	53.6	59.3	64.9	68.0	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	55.7	61.4	67.1	70.3	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4500	57.9	63.7	69.4	72.8	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	60.7	66.7	72.7	76.0	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	61.6	67.7	74.0	77.3	78.4	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3000	63.7	70.9	77.9	81.2	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	65.2	72.7	80.2	83.8	85.2	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	66.4	74.1	82.0	86.2	88.3	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1800	66.7	74.4	82.3	86.6	88.7	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1500	67.6	75.3	83.2	87.9	90.0	90.2	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	68.3	76.2	84.3	89.3	92.0	92.3	92.7	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	68.9	76.9	85.1	90.3	93.7	94.0	94.3	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	68.9	77.1	85.3	90.6	94.0	94.3	94.7	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	68.9	77.3	85.7	91.0	94.4	94.8	95.1	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	68.9	77.6	85.9	91.3	95.3	95.7	96.0	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	68.9	77.6	86.1	91.6	95.6	95.9	96.3	97.6	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	68.9	77.6	86.1	91.6	95.8	96.2	96.7	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	68.9	77.7	86.2	91.7	96.0	96.4	97.1	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	68.9	77.7	86.2	91.7	96.0	96.4	97.1	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	68.9	77.7	86.2	91.7	96.0	96.4	97.1	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	68.9	77.7	86.2	91.7	96.0	96.4	97.1	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	68.9	77.7	86.2	91.7	96.0	96.4	97.1	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.7	45.1	48.9	50.1	51.0	51.2	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	47.1	49.9	53.9	55.4	56.8	57.1	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 18000	47.1	49.9	53.9	55.4	56.8	57.1	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	47.1	49.9	53.9	55.4	56.8	57.1	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	48.1	50.9	55.0	56.6	57.9	58.2	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	48.7	51.4	55.7	57.3	58.8	59.1	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 10000	51.8	55.0	59.6	61.4	62.9	63.2	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	52.1	55.6	60.2	62.1	63.6	63.9	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 8000	54.7	58.6	63.7	65.8	67.7	68.0	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 7000	56.8	60.7	66.1	68.3	70.7	71.0	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	58.1	62.0	67.4	69.9	72.3	72.8	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 5000	60.8	64.8	70.2	72.7	75.2	75.7	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	61.2	65.2	70.7	73.1	75.8	76.2	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	63.1	67.3	72.9	75.6	78.3	78.9	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3500	64.1	68.4	74.3	77.0	80.2	80.8	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	65.6	70.6	76.4	79.1	82.9	83.4	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	66.8	72.1	78.1	81.3	85.3	85.9	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	67.0	72.3	78.3	81.6	86.2	86.8	87.7	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	67.3	72.8	78.8	82.0	86.7	87.2	88.1	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	68.7	74.1	80.3	83.7	88.7	89.3	90.2	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	69.1	74.6	80.9	84.3	89.6	90.2	91.2	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	69.2	75.0	81.4	85.0	90.3	91.0	92.0	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	69.4	75.3	81.9	85.4	90.9	91.7	92.7	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 800	69.9	75.8	82.3	85.9	91.7	92.4	93.7	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	69.9	75.9	82.6	86.1	92.1	93.1	94.7	96.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	69.9	76.1	82.8	86.3	92.6	94.0	95.6	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	69.9	76.1	82.8	86.6	92.8	94.2	96.2	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	69.9	76.1	82.8	86.6	92.8	94.3	96.4	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	69.9	76.1	82.8	86.6	92.9	94.6	96.7	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	69.9	76.1	82.8	86.6	92.9	94.6	96.7	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	69.9	76.1	82.8	86.6	92.9	94.6	96.7	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.9
GE 000	69.9	76.1	82.8	86.6	92.9	94.6	96.7	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	48.9	51.8	53.1	54.0	54.3	54.8	54.9	54.9	55.1	55.2	55.2	55.3	55.3	55.3	55.6
GE 20000	49.3	51.6	55.0	56.6	57.4	57.8	58.3	58.4	58.4	58.8	58.9	58.9	59.0	59.0	59.0	59.2
GE 18000	49.3	51.6	55.1	56.8	57.7	58.0	58.6	58.7	58.7	59.0	59.1	59.1	59.2	59.2	59.2	59.4
GE 16000	49.3	51.6	55.1	56.8	57.7	58.0	58.6	58.7	58.7	59.0	59.1	59.1	59.2	59.2	59.2	59.4
GE 14000	49.7	51.9	55.4	57.1	58.0	58.3	58.9	59.0	59.0	59.3	59.4	59.4	59.6	59.6	59.6	59.8
GE 12000	50.3	52.6	56.4	58.1	59.0	59.6	60.1	60.2	60.2	60.6	60.7	60.7	60.8	60.8	60.8	61.0
GE 10000	52.3	54.7	59.2	60.9	61.8	62.3	63.0	63.1	63.1	63.4	63.6	63.6	63.7	63.7	63.7	63.9
GE 9000	52.4	55.1	59.8	61.4	62.3	62.9	63.6	63.7	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.4
GE 8000	55.7	58.6	63.9	66.1	67.2	67.8	68.7	68.9	68.9	69.2	69.4	69.4	69.6	69.6	69.6	69.8
GE 7000	57.9	60.8	66.3	68.6	69.8	70.3	71.2	71.4	71.4	71.8	72.0	72.0	72.1	72.1	72.1	72.3
GE 6000	58.8	61.8	67.3	69.6	70.8	71.3	72.3	72.6	72.6	72.9	73.1	73.1	73.2	73.2	73.2	73.4
GE 5000	60.9	64.1	69.7	72.1	73.6	74.1	75.1	75.3	75.3	75.7	75.9	75.9	76.0	76.0	76.0	76.2
GE 4500	61.3	64.6	70.2	72.8	74.2	74.8	75.8	76.0	76.0	76.3	76.6	76.6	76.7	76.7	76.7	76.9
GE 4000	64.0	67.7	74.2	77.2	78.8	79.8	80.8	81.1	81.1	81.4	81.7	81.7	81.8	81.8	81.8	82.0
GE 3500	65.4	69.1	75.8	78.8	80.4	81.4	82.4	83.0	83.0	83.3	83.6	83.6	83.7	83.7	83.7	83.9
GE 3000	66.7	70.3	77.2	80.2	82.0	83.0	84.0	84.6	84.6	84.9	85.1	85.1	85.2	85.2	85.2	85.4
GE 2500	67.6	71.2	78.1	81.3	83.2	84.2	85.3	85.9	85.9	86.2	86.4	86.4	86.6	86.6	86.6	86.8
GE 2000	69.0	72.8	79.7	83.0	85.0	86.0	87.3	88.1	88.1	88.4	88.7	88.7	88.8	88.8	88.8	89.0
GE 1800	69.0	72.8	79.7	83.1	85.1	86.1	87.4	88.2	88.2	88.6	88.8	88.8	88.9	88.9	88.9	89.1
GE 1500	69.7	73.4	80.4	84.0	86.0	87.0	88.3	89.4	89.4	89.8	90.0	90.0	90.1	90.1	90.1	90.3
GE 1200	70.0	73.9	81.0	84.7	86.7	87.8	89.1	90.2	90.2	90.6	90.8	90.8	90.9	90.9	90.9	91.1
GE 1000	70.3	74.4	81.8	85.7	87.8	89.0	90.3	91.7	91.7	92.0	92.2	92.2	92.3	92.3	92.3	92.6
GE 900	70.7	74.8	82.1	86.2	88.6	89.8	91.1	92.4	92.4	92.8	93.0	93.0	93.1	93.1	93.1	93.3
GE 800	71.2	75.4	82.8	87.0	89.7	91.0	92.3	93.7	93.7	94.1	94.3	94.3	94.4	94.4	94.4	94.7
GE 700	71.3	75.6	82.9	87.1	89.8	91.1	93.0	94.4	94.9	95.3	95.6	95.6	95.7	95.7	95.7	95.9
GE 600	71.4	75.7	83.0	87.2	89.9	91.4	93.4	95.0	95.4	95.9	96.1	96.1	96.2	96.2	96.2	96.4
GE 500	71.6	75.9	83.2	87.6	90.6	92.2	94.3	96.2	96.7	97.2	97.4	97.4	97.6	97.6	97.6	97.8
GE 400	71.6	75.9	83.2	87.9	91.1	92.8	95.3	97.2	97.7	98.2	98.4	98.4	98.6	98.6	98.6	98.8
GE 300	71.6	75.9	83.3	88.1	91.4	93.1	95.7	97.7	98.1	98.9	99.1	99.1	99.3	99.3	99.3	99.6
GE 200	71.6	75.9	83.3	88.1	91.4	93.1	95.7	97.7	98.1	98.9	99.2	99.2	99.4	99.4	99.4	99.7
GE 100	71.6	75.9	83.3	88.1	91.4	93.1	95.7	97.7	98.1	98.9	99.2	99.2	99.4	99.4	99.4	99.7
GE 000	71.6	75.9	83.3	88.1	91.4	93.1	95.7	97.7	98.1	98.9	99.2	99.2	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	44.8	47.6	49.2	50.3	50.6	51.0	51.2	51.3	51.4	51.4	51.5	51.6	51.7	51.8	51.9
GE 20000	45.2	48.5	51.7	53.5	54.7	54.9	55.4	55.7	55.8	55.9	55.9	55.9	56.1	56.2	56.3	56.4
GE 18000	45.4	48.7	51.9	53.8	55.0	55.2	55.7	56.0	56.1	56.2	56.3	56.3	56.4	56.5	56.6	56.7
GE 16000	45.4	48.7	51.9	53.8	55.0	55.2	55.7	56.0	56.1	56.2	56.3	56.3	56.4	56.5	56.6	56.7
GE 14000	45.8	49.2	52.4	54.3	55.5	55.8	56.3	56.5	56.7	56.8	56.8	56.8	57.0	57.1	57.2	57.3
GE 12000	46.4	49.8	53.4	55.3	56.6	56.9	57.4	57.7	57.8	58.0	58.0	58.0	58.2	58.3	58.3	58.4
GE 10000	49.0	52.7	56.5	58.6	59.9	60.3	60.8	61.1	61.3	61.4	61.4	61.4	61.6	61.7	61.8	61.9
GE 9000	49.5	53.5	57.5	59.5	60.9	61.3	61.8	62.1	62.3	62.4	62.4	62.4	62.6	62.7	62.8	62.9
GE 8000	52.0	56.3	60.6	63.0	64.6	64.9	65.5	65.9	66.0	66.2	66.2	66.2	66.4	66.5	66.6	66.7
GE 7000	53.9	58.3	62.8	65.2	66.9	67.2	67.9	68.3	68.4	68.6	68.6	68.6	68.8	68.8	68.9	69.0
GE 6000	54.6	59.0	63.6	66.0	67.7	68.1	68.8	69.1	69.3	69.4	69.5	69.5	69.7	69.7	69.8	69.9
GE 5000	56.2	60.6	65.3	67.9	69.7	70.1	70.8	71.1	71.3	71.5	71.5	71.5	71.7	71.8	71.8	72.0
GE 4500	57.0	61.6	66.5	69.3	71.1	71.5	72.2	72.7	72.8	73.0	73.0	73.0	73.2	73.3	73.4	73.5
GE 4000	59.2	64.0	69.2	72.2	74.3	74.8	75.5	76.0	76.1	76.3	76.4	76.4	76.6	76.6	76.7	76.8
GE 3500	60.2	65.1	70.4	73.5	75.8	76.3	77.1	77.6	77.8	78.0	78.0	78.0	78.2	78.3	78.4	78.5
GE 3000	62.5	67.7	73.2	76.5	79.0	79.5	80.4	81.0	81.2	81.4	81.4	81.4	81.6	81.7	81.8	81.9
GE 2500	63.9	69.2	75.0	78.5	81.2	81.8	82.8	83.4	83.6	83.8	83.9	83.9	84.1	84.1	84.2	84.3
GE 2000	65.0	70.5	76.4	80.0	83.1	83.7	84.8	85.6	85.7	86.0	86.0	86.0	86.2	86.3	86.3	86.4
GE 1800	65.3	70.8	76.7	80.4	83.5	84.1	85.3	86.0	86.1	86.4	86.4	86.4	86.6	86.7	86.8	86.9
GE 1500	66.2	71.8	77.8	81.8	85.0	85.6	86.8	87.8	87.9	88.2	88.2	88.3	88.4	88.5	88.6	88.7
GE 1200	66.8	72.4	78.7	82.9	86.4	87.1	88.5	89.5	89.6	89.9	89.9	90.0	90.1	90.2	90.3	90.4
GE 1000	67.0	72.9	79.4	83.8	87.5	88.4	89.8	90.9	91.0	91.3	91.4	91.4	91.6	91.6	91.7	91.8
GE 900	67.3	73.3	80.0	84.5	88.4	89.3	90.8	91.9	92.1	92.4	92.4	92.4	92.6	92.7	92.8	92.9
GE 800	67.7	73.7	80.6	85.2	89.3	90.3	91.9	93.1	93.3	93.6	93.7	93.7	93.9	93.9	94.0	94.1
GE 700	67.8	73.9	80.8	85.6	90.0	91.0	92.8	94.0	94.3	94.7	94.7	94.8	94.9	95.0	95.1	95.2
GE 600	67.8	74.0	81.0	85.9	90.5	91.7	93.5	95.0	95.3	95.7	95.8	95.8	95.9	96.0	96.1	96.2
GE 500	67.9	74.1	81.2	86.2	91.1	92.3	94.4	96.1	96.4	96.8	96.9	96.9	97.1	97.2	97.3	97.4
GE 400	67.9	74.2	81.2	86.3	91.3	92.7	94.9	96.8	97.1	97.5	97.7	97.7	97.9	98.0	98.1	98.2
GE 300	67.9	74.2	81.3	86.4	91.5	92.9	95.2	97.1	97.5	98.1	98.2	98.3	98.6	98.6	98.7	98.8
GE 200	67.9	74.2	81.3	86.4	91.6	92.9	95.2	97.2	97.6	98.2	98.5	98.5	98.9	99.0	99.1	99.2
GE 100	67.9	74.2	81.3	86.4	91.6	92.9	95.2	97.2	97.6	98.2	98.5	98.6	99.1	99.2	99.3	99.7
GE 000	67.9	74.2	81.3	86.4	91.6	92.9	95.2	97.2	97.6	98.2	98.5	98.6	99.1	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	43.2	44.4	44.7	45.3	45.6	46.2	46.8	47.0	47.1	47.4	47.4	47.5	47.7	47.7	48.3
GE 20000	43.9	45.5	46.7	47.2	47.7	48.1	48.7	49.5	49.7	49.8	50.1	50.1	50.2	50.4	50.4	51.0
GE 18000	43.9	45.5	46.7	47.2	47.7	48.1	48.7	49.5	49.7	49.8	50.1	50.1	50.2	50.4	50.4	51.0
GE 16000	43.9	45.5	46.7	47.2	47.7	48.1	48.7	49.5	49.7	49.8	50.1	50.1	50.2	50.4	50.4	51.0
GE 14000	44.0	45.6	46.8	47.3	47.8	48.2	48.8	49.6	49.8	49.9	50.2	50.2	50.3	50.5	50.5	51.1
GE 12000	44.8	46.5	47.6	48.3	48.8	49.1	49.8	50.5	50.8	50.9	51.2	51.2	51.3	51.5	51.5	52.0
GE 10000	47.5	49.1	50.3	51.0	51.5	51.8	52.5	53.2	53.4	53.5	53.9	53.9	54.0	54.2	54.2	54.7
GE 9000	48.3	49.9	51.1	51.7	52.3	52.6	53.2	54.3	54.5	54.6	54.9	54.9	55.1	55.3	55.3	55.8
GE 8000	52.0	53.8	55.1	56.1	56.7	57.0	57.6	58.7	58.9	59.0	59.4	59.4	59.5	59.7	59.7	60.2
GE 7000	53.1	54.8	56.3	57.4	58.0	58.3	58.9	60.0	60.2	60.3	60.8	60.8	60.9	61.1	61.1	61.6
GE 6000	53.9	55.6	57.1	58.2	58.7	59.0	59.7	60.8	61.0	61.1	61.5	61.5	61.6	61.8	61.8	62.4
GE 5000	56.0	57.7	59.4	60.4	61.0	61.3	61.9	63.0	63.2	63.3	63.8	63.8	63.9	64.1	64.1	64.6
GE 4500	58.9	60.8	62.5	63.5	64.1	64.4	65.1	66.1	66.3	66.5	66.9	66.9	67.0	67.2	67.2	67.7
GE 4000	61.8	64.1	66.2	67.3	67.8	68.2	68.8	70.0	70.2	70.3	70.8	70.8	70.9	71.1	71.1	71.6
GE 3500	64.7	67.0	69.5	70.5	71.1	71.4	72.0	73.2	73.4	73.5	74.0	74.0	74.1	74.3	74.3	74.8
GE 3000	70.0	72.6	75.5	76.7	77.2	77.5	78.2	79.4	79.6	79.7	80.1	80.1	80.2	80.4	80.4	81.0
GE 2500	72.8	75.6	78.9	80.6	81.3	81.6	82.4	83.7	83.9	84.0	84.4	84.4	84.5	84.7	84.7	85.3
GE 2000	74.7	77.6	81.2	82.9	83.5	83.9	84.6	85.9	86.1	86.2	86.7	86.7	86.8	87.0	87.0	87.5
GE 1800	75.4	78.3	81.8	83.5	84.2	84.5	85.3	86.6	86.8	86.9	87.3	87.3	87.4	87.6	87.6	88.2
GE 1500	77.0	79.9	83.5	85.3	86.0	86.3	87.2	88.6	88.9	89.0	89.5	89.5	89.6	89.8	89.8	90.3
GE 1200	78.1	81.4	85.2	87.0	88.1	88.5	89.4	90.8	91.1	91.2	91.6	91.6	91.7	91.9	91.9	92.5
GE 1000	78.3	81.7	85.7	87.8	89.1	89.6	90.5	92.0	92.4	92.5	92.9	92.9	93.0	93.2	93.2	93.8
GE 900	78.3	81.8	85.9	88.3	89.6	90.4	91.4	92.9	93.2	93.3	93.8	93.8	93.9	94.1	94.1	94.6
GE 800	78.3	81.8	86.0	88.5	89.9	90.8	91.7	93.2	93.5	93.7	94.1	94.1	94.2	94.4	94.4	94.9
GE 700	78.3	81.8	86.0	88.5	89.9	90.8	91.7	93.2	93.5	93.7	94.1	94.1	94.2	94.4	94.4	94.9
GE 600	78.3	81.8	86.2	88.7	90.2	91.3	92.3	94.0	94.6	94.7	95.2	95.2	95.3	95.5	95.5	96.0
GE 500	78.3	81.8	86.2	88.7	90.2	91.3	92.3	94.0	94.7	94.9	95.4	95.4	95.5	95.7	95.7	96.2
GE 400	78.3	81.8	86.2	88.7	90.3	91.4	92.6	94.3	95.4	95.6	96.0	96.0	96.1	96.3	96.3	96.9
GE 300	78.3	81.8	86.2	88.7	90.3	91.4	92.6	94.3	95.4	95.6	96.0	96.0	96.1	96.3	96.3	96.9
GE 200	78.3	81.8	86.2	88.7	90.3	91.4	92.8	94.7	95.8	96.3	97.0	97.0	97.3	97.5	97.5	98.1
GE 100	78.3	81.8	86.2	88.7	90.3	91.4	92.8	94.7	95.9	96.5	97.2	97.2	97.7	98.1	98.3	99.2
GE 000	78.3	81.8	86.2	88.7	90.3	91.4	92.8	94.7	95.9	96.5	97.2	97.2	97.7	98.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB/OSCODA MI PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 5 MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.0	41.5	42.6	43.0	43.2	43.7	43.8	44.3	44.8	45.3	45.4	45.4	45.7	45.7	45.7	46.0
GE 20000	42.0	43.8	45.2	45.7	45.9	46.3	46.5	47.1	47.6	48.1	48.2	48.2	48.5	48.5	48.5	48.8
GE 18000	42.0	43.8	45.2	45.7	45.9	46.3	46.5	47.1	47.6	48.1	48.2	48.2	48.5	48.5	48.5	48.8
GE 16000	42.0	43.8	45.2	45.7	45.9	46.3	46.5	47.1	47.6	48.1	48.2	48.2	48.5	48.5	48.5	48.8
GE 14000	42.4	44.1	45.5	46.0	46.2	46.7	46.8	47.4	48.0	48.4	48.5	48.5	48.8	48.8	48.8	49.1
GE 12000	42.9	44.7	46.1	46.7	46.9	47.3	47.4	48.1	48.6	49.0	49.1	49.1	49.5	49.5	49.5	49.8
GE 10000	46.0	47.8	49.2	49.8	50.0	50.4	50.5	51.2	51.7	52.2	52.3	52.3	52.6	52.6	52.6	52.9
GE 9000	46.7	48.5	49.9	50.4	50.6	51.1	51.2	51.8	52.4	52.8	52.9	52.9	53.2	53.2	53.2	53.5
GE 8000	50.5	52.7	54.3	55.5	55.8	56.2	56.3	57.0	57.5	58.0	58.1	58.1	58.4	58.4	58.4	58.7
GE 7000	51.3	53.4	55.1	56.2	56.6	57.0	57.1	57.7	58.3	58.7	58.8	58.8	59.1	59.1	59.1	59.5
GE 6000	52.2	54.3	55.9	57.1	57.4	58.0	58.2	58.9	59.5	59.9	60.0	60.0	60.3	60.3	60.3	60.6
GE 5000	54.0	56.1	57.7	59.1	59.5	60.0	60.2	61.0	61.5	61.9	62.0	62.0	62.4	62.4	62.4	62.7
GE 4500	56.3	58.5	60.2	61.7	62.0	62.6	62.8	63.8	64.4	64.8	64.9	64.9	65.3	65.3	65.3	65.6
GE 4000	61.0	63.7	65.7	67.5	67.8	68.4	68.6	69.6	70.2	70.6	70.8	70.8	71.1	71.1	71.1	71.4
GE 3500	64.8	67.7	69.8	71.7	72.0	72.6	72.8	73.8	74.4	74.8	74.9	74.9	75.3	75.3	75.3	75.6
GE 3000	68.8	72.2	74.2	76.3	76.7	77.2	77.4	78.4	79.0	79.5	79.6	79.6	79.9	79.9	79.9	80.2
GE 2500	72.0	75.6	78.5	80.8	81.1	81.6	81.8	82.8	83.4	83.9	84.0	84.0	84.3	84.3	84.3	84.6
GE 2000	73.2	76.9	80.1	82.6	83.0	83.5	83.8	84.7	85.4	85.8	85.9	85.9	86.2	86.2	86.2	86.6
GE 1800	73.7	77.3	80.5	83.0	83.4	84.0	84.2	85.2	85.8	86.2	86.3	86.3	86.7	86.7	86.7	87.0
GE 1500	75.3	78.9	82.4	84.9	85.5	86.0	86.2	87.2	87.8	88.3	88.4	88.4	88.7	88.7	88.7	89.0
GE 1200	76.2	80.0	83.5	86.3	87.2	87.7	88.0	88.9	89.6	90.0	90.1	90.1	90.4	90.4	90.4	90.8
GE 1000	77.0	80.8	84.6	87.5	88.8	89.4	89.6	90.5	91.2	91.6	91.7	91.7	92.0	92.0	92.0	92.4
GE 900	77.0	80.8	84.6	87.6	89.0	89.7	89.9	91.0	91.6	92.0	92.2	92.2	92.5	92.5	92.5	92.8
GE 800	77.0	80.8	84.7	88.1	89.5	90.1	90.3	91.5	92.2	92.6	92.7	92.7	93.0	93.0	93.0	93.3
GE 700	77.0	80.8	84.7	88.1	89.5	90.1	90.6	91.8	92.5	92.9	93.0	93.0	93.3	93.3	93.3	93.7
GE 600	77.0	80.8	84.7	88.1	89.6	90.5	91.2	92.5	93.3	93.3	93.9	93.9	94.2	94.2	94.2	94.5
GE 500	77.0	80.8	84.7	88.2	89.9	91.1	92.0	93.4	94.4	94.8	94.9	94.9	95.3	95.3	95.3	95.6
GE 400	77.0	80.8	84.7	88.2	89.9	91.1	92.5	93.9	94.8	95.4	95.8	95.8	96.1	96.1	96.1	96.5
GE 300	77.0	80.8	84.7	88.2	89.9	91.1	92.7	94.2	95.5	96.1	96.6	96.6	97.1	97.1	97.1	97.4
GE 200	77.0	80.8	84.7	88.2	89.9	91.1	92.8	94.3	95.6	96.3	96.9	96.9	97.7	97.7	97.7	98.1
GE 100	77.0	80.8	84.7	88.2	89.9	91.1	92.8	94.3	95.7	96.5	97.0	97.0	97.8	98.0	98.0	98.9
GE 000	77.0	80.8	84.7	88.2	89.9	91.1	92.8	94.3	95.7	96.5	97.0	97.0	97.8	98.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.4	37.3	38.7	39.5	39.8	39.8	40.2	40.4	40.6	41.0	41.6	41.6	41.8	42.0	42.0	42.9
GE 20000	37.7	40.1	42.2	43.1	43.4	43.4	43.9	44.3	44.5	44.9	45.6	45.6	45.8	46.0	46.0	46.9
GE 18000	37.7	40.1	42.2	43.1	43.4	43.4	43.9	44.3	44.5	44.9	45.6	45.6	45.8	46.0	46.0	46.9
GE 16000	37.7	40.1	42.2	43.1	43.4	43.4	43.9	44.3	44.5	44.9	45.6	45.6	45.8	46.0	46.0	46.9
GE 14000	37.8	40.2	42.3	43.2	43.5	43.5	44.0	44.4	44.6	45.1	45.7	45.7	45.9	46.1	46.1	47.0
GE 12000	38.3	40.3	43.0	44.0	44.3	44.3	44.7	45.2	45.4	45.8	46.5	46.5	46.7	46.9	46.9	47.7
GE 10000	41.2	45.8	46.1	47.1	47.4	47.4	47.8	48.3	48.5	49.0	49.7	49.7	49.9	50.1	50.1	51.0
GE 9000	41.9	44.7	47.2	48.2	48.5	48.5	48.9	49.4	49.6	50.1	50.8	50.8	51.0	51.2	51.2	52.0
GE 8000	45.7	48.9	51.5	52.8	53.2	53.2	53.7	54.1	54.3	54.8	55.5	55.5	55.7	55.9	55.9	56.8
GE 7000	47.2	50.4	53.1	54.4	54.9	54.9	55.5	55.9	56.1	56.7	57.3	57.3	57.5	57.7	57.7	58.6
GE 6000	48.2	51.4	54.2	55.6	56.1	56.1	56.9	57.4	57.7	58.3	58.9	58.9	59.1	59.4	59.4	60.2
GE 5000	49.9	53.2	56.2	57.7	58.3	58.3	59.1	59.7	60.0	60.5	61.2	61.2	61.4	61.6	61.6	62.5
GE 4500	51.5	54.8	57.8	59.6	60.1	60.1	61.0	61.5	61.8	62.4	63.0	63.0	63.2	63.4	63.4	64.3
GE 4000	54.2	57.7	61.3	63.1	64.1	64.2	65.2	65.9	66.2	66.9	67.5	67.5	67.7	68.0	68.0	68.8
GE 3500	57.1	60.8	64.5	66.3	67.3	67.4	68.4	69.1	69.5	70.1	70.8	70.8	71.0	71.2	71.2	72.0
GE 3000	63.4	67.3	71.6	73.4	74.8	74.9	75.9	76.7	77.0	77.6	78.3	78.3	78.5	78.7	78.7	79.6
GE 2500	65.1	69.2	73.7	75.7	77.2	77.3	78.3	79.0	79.4	80.0	80.6	80.6	80.9	81.1	81.1	81.9
GE 2000	67.1	71.6	76.2	78.5	80.0	80.1	81.2	81.9	82.4	83.0	83.7	83.7	83.9	84.1	84.1	84.9
GE 1800	67.5	72.0	76.7	78.9	80.5	80.8	81.8	82.6	83.0	83.7	84.3	84.3	84.5	84.7	84.7	85.6
GE 1500	68.9	73.5	78.4	80.8	82.5	82.7	84.2	85.1	85.5	86.1	86.8	86.8	87.0	87.2	87.2	88.1
GE 1200	69.9	74.6	79.6	82.0	84.1	84.3	85.8	86.7	87.1	87.7	88.4	88.4	88.6	88.8	88.8	89.7
GE 1000	70.3	75.3	80.3	83.1	85.3	85.6	87.4	88.4	89.1	89.8	90.4	90.4	90.6	90.9	90.9	91.7
GE 900	70.3	75.4	80.4	83.4	85.6	85.9	87.8	88.9	89.8	90.4	91.1	91.1	91.3	91.5	91.5	92.4
GE 800	70.3	75.4	80.4	83.4	85.7	86.0	88.0	89.0	89.9	90.5	91.2	91.2	91.4	91.6	91.6	92.5
GE 700	70.3	75.4	80.4	83.7	85.9	86.3	88.7	89.8	90.8	91.4	92.0	92.0	92.3	92.5	92.5	93.3
GE 600	70.3	75.4	80.5	84.0	86.7	87.2	89.8	91.2	92.3	92.9	93.5	93.5	93.8	94.0	94.0	94.8
GE 500	70.4	75.6	80.8	84.3	87.4	88.0	90.5	92.0	93.2	93.9	94.5	94.5	94.7	94.9	94.9	95.8
GE 400	70.4	75.6	80.8	84.3	87.4	88.0	90.9	92.7	94.0	94.7	95.7	95.7	96.1	96.3	96.3	97.2
GE 300	70.4	75.6	80.8	84.3	87.4	88.0	90.9	92.8	94.1	95.1	96.2	96.3	97.1	97.3	97.3	98.2
GE 200	70.4	75.6	80.8	84.3	87.4	88.0	90.9	92.9	94.2	95.5	96.7	96.8	97.7	98.0	98.0	98.9
GE 100	70.4	75.6	80.8	84.3	87.4	88.0	90.9	92.9	94.2	95.5	96.8	96.9	97.8	98.1	98.1	99.5
GE 000	70.4	75.6	80.8	84.3	87.4	88.0	90.9	92.9	94.2	95.5	96.8	96.9	97.8	98.1	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB/OSCODA MI PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 5 MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.9	33.5	34.6	34.7	35.3	35.4	35.5	35.8	35.9	36.1	36.1	36.1	36.2	36.3	36.3	36.6
GE 20000	37.3	39.8	41.0	41.1	41.7	41.8	42.2	42.7	42.8	43.0	43.0	43.0	43.2	43.3	43.3	43.7
GE 18000	37.4	39.9	41.1	41.2	41.8	41.9	42.3	42.8	42.9	43.1	43.1	43.1	43.3	43.4	43.4	43.8
GE 16000	37.4	39.9	41.1	41.2	41.8	41.9	42.3	42.8	42.9	43.1	43.1	43.1	43.3	43.4	43.4	43.8
GE 14000	37.4	39.9	41.1	41.2	41.8	41.9	42.4	42.9	43.0	43.2	43.2	43.2	43.4	43.5	43.5	43.9
GE 12000	38.6	41.1	42.3	42.4	43.0	43.1	43.5	44.1	44.2	44.4	44.4	44.4	44.6	44.7	44.7	45.1
GE 10000	41.8	44.4	45.8	46.1	46.8	46.9	47.3	47.8	48.0	48.2	48.2	48.2	48.4	48.5	48.5	48.8
GE 9000	42.7	45.5	47.0	47.3	48.0	48.1	48.5	49.0	49.1	49.4	49.4	49.4	49.6	49.7	49.7	50.0
GE 8000	45.8	49.0	51.1	51.4	52.2	52.3	52.7	53.2	53.3	53.5	53.5	53.5	53.8	53.9	53.9	54.2
GE 7000	48.4	51.6	53.8	54.1	54.8	54.9	55.4	55.9	56.0	56.2	56.2	56.2	56.5	56.6	56.6	56.9
GE 6000	49.1	52.4	54.7	55.1	55.9	56.0	56.6	57.2	57.3	57.5	57.5	57.5	57.7	57.8	57.8	58.3
GE 5000	49.9	53.1	55.5	55.9	56.8	56.9	57.6	58.3	58.4	58.6	58.6	58.6	58.8	58.9	58.9	59.4
GE 4500	52.2	55.4	58.1	58.6	59.5	59.6	60.3	61.0	61.1	61.3	61.3	61.3	61.5	61.6	61.6	62.0
GE 4000	55.3	58.5	61.3	61.9	62.9	63.0	64.0	64.6	64.7	64.9	64.9	64.9	65.2	65.3	65.3	65.7
GE 3500	58.6	61.8	64.6	65.3	66.2	66.5	67.4	68.1	68.2	68.4	68.4	68.4	68.6	68.7	68.7	69.1
GE 3000	64.6	68.1	71.2	71.8	72.9	73.1	74.1	74.8	74.9	75.2	75.2	75.2	75.4	75.5	75.5	75.9
GE 2500	67.4	71.0	74.3	75.1	76.2	76.6	77.5	78.5	78.6	78.8	78.8	78.8	79.0	79.1	79.1	79.6
GE 2000	70.3	74.3	77.6	78.6	79.9	80.3	81.3	82.3	82.5	82.7	82.7	82.7	82.9	83.0	83.0	83.4
GE 1800	71.2	75.2	78.6	79.6	80.9	81.3	82.3	83.2	83.4	83.7	83.7	83.7	83.9	84.0	84.0	84.4
GE 1500	73.3	77.8	81.4	82.8	84.2	84.7	85.9	87.0	87.2	87.4	87.4	87.4	87.6	87.7	87.7	88.2
GE 1200	74.2	78.7	82.4	84.4	85.8	86.3	87.5	88.6	88.8	89.1	89.1	89.1	89.4	89.5	89.5	89.9
GE 1000	74.5	79.0	82.8	85.1	86.8	87.3	88.5	89.8	90.0	90.3	90.3	90.4	90.6	90.8	90.8	91.2
GE 900	74.5	79.1	82.9	85.3	87.2	87.7	89.0	90.3	90.5	90.9	90.9	91.0	91.2	91.3	91.3	91.7
GE 800	74.5	79.1	83.0	85.7	87.6	88.2	89.5	90.8	91.0	91.3	91.3	91.4	91.6	91.7	91.7	92.2
GE 700	74.6	79.2	83.1	85.9	88.1	88.8	90.2	91.5	91.7	92.0	92.0	92.2	92.4	92.5	92.5	92.9
GE 600	74.8	79.5	83.4	86.5	88.8	90.0	91.5	92.9	93.2	93.9	93.9	94.0	94.2	94.3	94.3	94.7
GE 500	74.9	79.6	83.7	87.0	89.6	90.8	92.5	94.3	94.6	95.3	95.5	95.6	95.8	95.9	95.9	96.3
GE 400	74.9	79.6	83.7	87.0	89.7	90.9	92.6	95.6	96.3	97.1	97.7	97.8	98.1	98.2	98.2	98.6
GE 300	74.9	79.6	83.8	87.2	89.9	91.1	92.8	95.8	96.6	97.5	98.2	98.3	98.5	98.6	98.6	99.2
GE 200	74.9	79.6	83.8	87.2	89.9	91.1	92.8	95.8	96.6	97.5	98.2	98.4	98.8	98.9	99.0	99.7
GE 100	74.9	79.6	83.8	87.2	89.9	91.1	92.8	95.8	96.6	97.6	98.3	98.5	98.9	99.0	99.1	99.8
GE 000	74.9	79.6	83.8	87.2	89.9	91.1	92.8	95.8	96.6	97.6	98.3	98.5	98.9	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.3	33.7	34.3	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 20000	37.2	39.8	40.6	41.7	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 18000	37.2	39.8	40.6	41.7	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 16000	37.3	39.9	40.8	41.8	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 14000	37.5	40.1	41.0	42.0	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 12000	38.6	41.3	42.2	43.2	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 10000	41.1	44.1	44.9	46.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 9000	42.2	45.3	46.1	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 8000	44.4	48.0	48.8	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 7000	46.6	50.2	51.1	52.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 6000	48.2	51.9	52.8	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 5000	49.2	53.2	54.2	55.7	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 4500	50.3	54.3	55.3	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 4000	54.3	58.4	59.4	60.9	61.7	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 3500	58.3	62.4	63.3	64.8	65.7	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 3000	67.6	71.9	72.9	74.4	75.3	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2500	73.8	78.1	79.0	80.8	81.6	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2000	76.6	81.0	82.7	84.5	85.5	85.5	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	77.3	81.8	83.7	85.6	86.6	86.6	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1500	79.5	84.1	86.3	88.3	89.2	89.5	89.9	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	80.2	85.2	87.6	89.9	91.3	91.6	92.0	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	80.5	85.5	88.5	91.1	92.7	93.3	93.8	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 900	80.6	85.7	88.7	91.3	93.1	93.9	94.5	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	80.8	85.9	89.2	91.9	93.9	94.6	95.4	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	80.9	86.0	89.5	92.3	94.4	95.2	95.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	80.9	86.0	89.5	92.3	94.4	95.4	96.1	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	80.9	86.0	89.5	92.6	94.8	96.0	96.9	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	80.9	86.0	89.5	92.6	94.8	96.3	97.2	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	80.9	86.0	89.5	92.6	94.8	96.3	97.2	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.9	86.0	89.5	92.6	94.8	96.3	97.2	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.9	86.0	89.5	92.6	94.8	96.3	97.2	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	80.9	86.0	89.5	92.6	94.8	96.3	97.2	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI.
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CELL	31.0	33.4	34.2	35.1	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 20000	37.3	40.3	41.5	42.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 18000	37.5	40.5	41.7	42.6	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 16000	37.6	40.6	41.8	42.7	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 14000	38.2	41.2	42.4	43.2	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 12000	39.0	42.0	43.2	44.1	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 10000	42.0	45.3	46.5	47.3	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 9000	43.1	46.3	47.5	48.4	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 8000	46.6	50.3	51.6	52.6	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 7000	48.7	52.8	54.0	55.2	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 6000	49.2	53.4	54.8	55.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 5000	51.8	56.0	57.4	58.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 4500	52.9	57.1	58.5	59.7	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 4000	59.1	63.5	64.9	66.1	67.1	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 3500	62.7	67.2	68.7	69.9	71.0	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3000	70.0	74.5	76.3	77.5	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	74.1	79.0	81.1	82.6	83.8	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000	77.7	82.9	85.3	87.0	88.2	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	78.1	83.2	85.6	87.3	88.5	88.9	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	79.6	84.7	87.3	89.0	90.3	90.9	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	80.1	85.4	88.2	89.9	91.3	92.0	92.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	80.5	85.9	88.7	91.2	92.8	93.7	93.8	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 900	80.6	86.0	88.9	91.5	93.3	94.2	94.3	94.9	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5
GE 800	80.9	86.2	89.1	92.0	93.9	94.8	95.1	95.7	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 700	80.9	86.7	89.6	92.6	94.4	95.4	95.7	96.3	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0
GE 600	81.0	86.8	89.8	92.8	94.8	95.8	96.1	97.0	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6
GE 500	81.0	86.9	90.0	93.2	95.4	96.3	96.9	98.2	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
GE 400	81.0	86.9	90.0	93.2	95.4	96.3	96.9	98.3	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	81.0	86.9	90.0	93.2	95.4	96.3	96.9	98.4	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	81.0	86.9	90.0	93.2	95.4	96.3	96.9	98.4	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	81.0	86.9	90.0	93.2	95.4	96.3	96.9	98.4	99.2	99.5	99.7	99.7	99.9	99.9	100.0	100.0
GE 000	81.0	86.9	90.0	93.2	95.4	96.3	96.9	98.4	99.2	99.5	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.7	39.6	40.4	41.2	41.7	41.9	42.0	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 20000	40.5	42.9	44.2	44.9	46.1	46.3	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 18000	40.5	42.9	44.2	44.9	46.1	46.3	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 16000	40.5	42.9	44.2	44.9	46.1	46.3	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 14000	40.5	43.1	44.4	45.2	46.3	46.6	46.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 12000	42.3	44.7	46.0	46.8	48.0	48.2	48.3	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 10000	45.8	48.3	49.6	50.3	51.5	51.7	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 9000	47.2	49.7	51.0	51.7	53.0	53.2	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 8000	51.8	54.5	55.8	56.6	57.8	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 7000	53.8	56.5	58.0	58.7	60.0	60.2	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 6000	54.7	57.4	58.9	59.7	61.0	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 5000	56.7	59.4	60.9	61.6	62.9	63.1	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 4500	58.4	61.3	62.9	63.8	65.1	65.4	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 4000	63.5	66.7	68.3	69.2	70.5	71.2	71.4	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8
GE 3500	67.3	70.5	72.3	73.3	74.6	75.3	75.5	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0
GE 3000	71.9	75.2	77.0	78.4	79.8	80.4	80.6	80.9	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3
GE 2500	76.6	80.0	81.8	83.4	84.9	85.6	85.8	86.0	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	78.2	82.0	83.9	85.8	87.4	88.3	88.7	88.9	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5
GE 1800	78.6	82.5	84.3	86.2	87.8	88.8	89.4	89.7	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2
GE 1500	80.0	83.9	85.9	87.8	89.5	90.4	91.1	91.4	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	80.3	84.3	86.5	88.4	90.0	91.0	91.6	91.9	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5
GE 1000	81.0	84.9	87.2	89.4	91.2	92.2	93.0	93.3	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	81.1	85.1	87.5	89.7	91.5	92.5	93.3	93.7	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	81.4	85.4	88.1	90.2	92.0	93.0	93.9	94.4	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	81.4	85.4	88.1	90.3	92.3	93.2	94.1	94.7	94.9	95.3	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	81.4	85.4	88.1	90.4	92.5	93.4	94.3	94.9	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	81.4	85.4	88.2	90.8	93.0	94.0	94.9	95.8	96.5	96.9	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	81.4	85.4	88.2	90.8	93.1	94.1	95.3	96.3	97.3	97.7	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	81.4	85.4	88.2	90.8	93.1	94.1	95.3	96.7	97.7	98.4	98.9	99.1	99.1	99.1	99.1	99.1
GE 200	81.4	85.4	88.2	90.8	93.1	94.1	95.3	96.7	97.7	98.4	98.9	99.1	99.2	99.2	99.6	99.7
GE 100	81.4	85.4	88.2	90.8	93.1	94.1	95.3	96.7	97.7	98.4	98.9	99.1	99.2	99.2	99.6	99.7
GE 000	81.4	85.4	88.2	90.8	93.1	94.1	95.3	96.7	97.7	98.4	98.9	99.1	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.0	44.4	45.5	46.2	46.7	47.2	47.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.6
GE 20000	44.6	46.0	47.4	48.3	48.9	49.5	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.9
GE 18000	44.6	46.0	47.4	48.3	48.9	49.5	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.9
GE 16000	44.6	46.0	47.4	48.3	48.9	49.5	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.9
GE 14000	45.1	46.5	47.8	48.7	49.4	49.9	50.5	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.3
GE 12000	46.5	47.8	49.2	50.1	50.8	51.3	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.7
GE 10000	48.5	49.9	51.3	52.2	52.8	53.3	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.7
GE 9000	49.4	50.8	52.2	53.0	53.7	54.2	54.8	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.7
GE 8000	53.8	55.5	57.1	58.1	58.7	59.2	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.8
GE 7000	54.5	56.2	57.8	58.9	59.6	60.1	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.6
GE 6000	55.5	57.2	58.8	59.9	60.5	61.1	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.6
GE 5000	58.4	60.1	61.7	62.8	63.4	64.0	64.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.5
GE 4500	61.3	63.1	64.8	65.9	66.6	67.1	67.8	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.8	69.0
GE 4000	65.6	67.4	69.1	70.2	70.9	71.6	72.5	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.7
GE 3500	68.3	70.2	71.9	73.1	73.8	74.5	75.4	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.6
GE 3000	74.3	76.2	78.3	79.9	80.5	81.3	82.2	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.3
GE 2500	76.3	78.4	80.5	82.5	83.2	84.3	85.2	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.2	86.5
GE 2000	78.9	81.1	83.5	85.6	86.5	87.6	88.6	89.2	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.9
GE 1800	79.4	81.5	84.0	86.0	87.1	88.3	89.2	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.5
GE 1500	80.3	82.5	85.1	87.2	88.4	89.6	90.5	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.8	92.0
GE 1200	80.8	82.9	85.7	88.1	89.5	90.8	91.7	92.4	92.8	92.8	92.9	92.9	93.0	93.0	93.1	93.3
GE 1000	81.1	83.2	86.2	88.6	90.1	91.5	92.5	93.1	93.5	93.5	93.7	93.7	93.8	93.8	93.9	94.1
GE 900	81.2	83.7	86.8	89.2	90.8	92.2	93.1	93.8	94.2	94.2	94.3	94.3	94.4	94.4	94.5	94.7
GE 800	81.2	83.7	86.8	89.2	90.9	92.4	93.3	94.0	94.4	94.4	94.5	94.5	94.6	94.6	94.7	94.9
GE 700	81.2	83.7	86.8	89.2	90.9	92.5	93.4	94.1	94.5	94.5	94.6	94.6	94.7	94.7	94.8	95.1
GE 600	81.4	83.9	87.0	89.5	91.1	92.7	93.7	94.3	95.1	95.1	95.2	95.2	95.3	95.3	95.4	95.6
GE 500	81.6	84.1	87.2	89.7	91.6	93.2	94.3	94.9	95.7	95.7	95.8	95.8	95.9	95.9	96.0	96.2
GE 400	81.6	84.1	87.2	89.8	91.7	93.3	94.5	95.2	96.3	96.3	96.5	96.5	96.6	96.6	96.7	96.9
GE 300	81.6	84.1	87.2	89.8	91.8	93.4	94.7	95.4	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.2
GE 200	81.6	84.1	87.2	89.8	91.8	93.4	94.7	95.6	96.8	97.5	97.7	97.7	98.2	98.2	98.4	98.8
GE 100	81.6	84.1	87.2	89.8	91.8	93.4	94.7	95.6	96.8	97.5	97.8	98.1	98.5	98.5	98.7	99.6
GE 000	81.6	84.1	87.2	89.8	91.8	93.4	94.7	95.6	96.8	97.5	97.8	98.1	98.5	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.5	38.3	39.3	39.9	40.4	40.6	40.8	41.1	41.3	41.4	41.5	41.5	41.6	41.7	41.7	42.0
GE 20000	40.1	42.3	43.6	44.3	44.9	45.1	45.4	45.7	45.9	46.0	46.2	46.2	46.3	46.3	46.4	46.6
GE 18000	40.1	42.3	43.6	44.3	44.9	45.1	45.4	45.8	45.9	46.1	46.2	46.2	46.3	46.4	46.4	46.7
GE 16000	40.1	42.3	43.7	44.4	45.0	45.2	45.4	45.8	45.9	46.1	46.2	46.2	46.3	46.4	46.4	46.7
GE 14000	40.4	42.6	43.9	44.6	45.2	45.4	45.7	46.1	46.2	46.4	46.5	46.5	46.6	46.7	46.7	47.0
GE 12000	41.4	43.6	45.0	45.7	46.3	46.5	46.8	47.1	47.3	47.4	47.6	47.6	47.7	47.7	47.8	48.0
GE 10000	44.2	46.6	48.0	48.7	49.3	49.5	49.8	50.2	50.3	50.5	50.6	50.6	50.7	50.8	50.8	51.1
GE 9000	45.2	47.6	49.0	49.7	50.3	50.6	50.9	51.3	51.4	51.6	51.7	51.7	51.8	51.9	51.9	52.2
GE 8000	48.8	51.6	53.2	54.1	54.8	55.0	55.3	55.7	55.8	56.0	56.2	56.2	56.3	56.3	56.3	56.6
GE 7000	50.4	53.3	54.9	55.9	56.6	56.8	57.1	57.6	57.7	57.9	58.0	58.0	58.1	58.2	58.2	58.5
GE 6000	51.4	54.2	55.9	56.9	57.7	57.9	58.3	58.7	58.9	59.0	59.2	59.2	59.3	59.4	59.4	59.7
GE 5000	53.2	56.1	57.9	59.0	59.7	59.9	60.3	60.8	60.9	61.1	61.3	61.3	61.4	61.4	61.5	61.7
GE 4500	55.2	58.2	60.0	61.2	61.9	62.2	62.6	63.1	63.3	63.5	63.6	63.6	63.7	63.8	63.8	64.1
GE 4000	59.4	62.5	64.5	65.8	66.6	66.9	67.5	68.0	68.2	68.4	68.6	68.6	68.7	68.8	68.8	69.1
GE 3500	62.7	66.0	68.1	69.4	70.2	70.6	71.1	71.7	71.9	72.0	72.2	72.2	72.3	72.4	72.4	72.7
GE 3000	68.8	72.2	74.6	76.1	77.0	77.3	77.8	78.4	78.6	78.8	79.0	79.0	79.1	79.2	79.2	79.5
GE 2500	72.3	75.9	78.5	80.2	81.2	81.6	82.1	82.8	83.0	83.2	83.4	83.4	83.5	83.5	83.6	83.9
GE 2000	74.6	78.4	81.3	83.2	84.2	84.7	85.3	86.0	86.3	86.4	86.6	86.6	86.7	86.8	86.8	87.1
GE 1800	75.1	79.0	81.9	83.8	84.9	85.4	86.0	86.7	86.9	87.1	87.3	87.3	87.4	87.5	87.5	87.8
GE 1500	76.7	80.7	83.8	85.8	86.9	87.5	88.3	89.0	89.3	89.5	89.7	89.7	89.8	89.9	89.9	90.2
GE 1200	77.5	81.6	84.8	87.0	88.4	89.0	89.8	90.6	90.9	91.1	91.3	91.3	91.4	91.5	91.5	91.8
GE 1000	77.9	82.0	85.5	88.0	89.6	90.3	91.1	92.0	92.4	92.6	92.8	92.8	92.9	93.0	93.0	93.3
GE 900	78.0	82.2	85.7	88.3	90.0	90.8	91.7	92.6	93.0	93.2	93.4	93.4	93.6	93.6	93.6	93.9
GE 800	78.0	82.3	85.9	88.6	90.4	91.2	92.1	93.1	93.5	93.8	93.9	94.0	94.1	94.2	94.2	94.5
GE 700	78.1	82.4	86.0	88.8	90.7	91.5	92.6	93.5	93.9	94.2	94.4	94.4	94.5	94.6	94.6	94.9
GE 600	78.1	82.4	86.2	89.0	91.0	92.0	93.1	94.2	94.8	95.1	95.3	95.3	95.5	95.6	95.6	95.9
GE 500	78.2	82.5	86.3	89.3	91.5	92.6	93.8	95.1	95.8	96.2	96.5	96.5	96.6	96.7	96.7	97.0
GE 400	78.2	82.5	86.3	89.3	91.5	92.7	94.0	95.6	96.6	97.0	97.4	97.4	97.6	97.6	97.7	98.0
GE 300	78.2	82.5	86.3	89.3	91.6	92.7	94.1	95.8	96.8	97.3	97.8	97.8	98.1	98.1	98.2	98.5
GE 200	78.2	82.5	86.3	89.3	91.6	92.7	94.2	95.9	96.9	97.5	98.1	98.2	98.6	98.7	98.8	99.1
GE 100	78.2	82.5	86.3	89.3	91.6	92.7	94.2	95.9	96.9	97.6	98.2	98.3	98.8	98.8	99.0	99.6
GE 000	78.2	82.5	86.3	89.3	91.6	92.7	94.2	95.9	96.9	97.6	98.2	98.3	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.2	31.7	33.3	34.4	35.3	35.4	35.7	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.6
GE 20000	32.4	34.2	36.2	37.3	38.3	38.4	38.7	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.7
GE 18000	32.4	34.2	36.2	37.3	38.3	38.4	38.7	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.7
GE 16000	32.4	34.2	36.2	37.3	38.3	38.4	38.7	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.7
GE 14000	32.6	34.3	36.3	37.4	38.4	38.6	38.8	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.8
GE 12000	33.3	35.1	37.1	38.2	39.2	39.3	39.6	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.6
GE 10000	36.6	38.6	40.7	41.8	42.8	42.9	43.1	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	44.1
GE 9000	37.4	39.7	41.8	42.9	43.9	44.0	44.2	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	45.2
GE 8000	39.8	42.3	45.1	46.2	47.2	47.3	47.6	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.6
GE 7000	41.7	44.2	47.0	48.2	49.2	49.3	49.6	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.6
GE 6000	42.1	44.7	47.4	48.7	49.7	49.8	50.0	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	51.0
GE 5000	44.8	47.6	50.3	51.7	52.7	52.8	53.0	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	54.0
GE 4500	46.4	49.4	52.3	53.7	54.7	54.8	55.0	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	56.0
GE 4000	50.2	53.4	56.6	58.1	59.6	59.7	59.9	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	61.1
GE 3500	54.3	57.9	61.1	62.8	64.2	64.3	64.6	65.3	65.3	65.3	65.4	65.4	65.6	65.6	65.6	65.9
GE 3000	58.4	62.6	66.0	68.0	69.6	69.7	69.9	71.0	71.0	71.1	71.3	71.3	71.4	71.4	71.4	71.8
GE 2500	61.7	66.2	70.8	73.0	74.7	74.8	75.0	76.1	76.1	76.2	76.4	76.6	76.7	76.7	76.7	77.0
GE 2000	64.6	69.3	74.1	76.8	78.6	78.7	78.9	80.0	80.0	80.1	80.3	80.4	80.6	80.6	80.6	80.9
GE 1800	65.7	70.6	75.6	78.2	80.0	80.1	80.3	81.4	81.4	81.6	81.8	81.9	82.0	82.0	82.0	82.3
GE 1500	68.6	73.9	79.1	82.3	84.3	84.4	84.7	85.8	85.8	85.9	86.1	86.2	86.3	86.3	86.3	86.7
GE 1200	70.0	75.6	80.9	84.2	86.2	86.3	86.7	87.8	87.9	88.0	88.2	88.3	88.4	88.4	88.4	88.8
GE 1000	70.7	76.2	81.6	85.0	87.0	87.1	87.4	88.6	88.7	88.9	89.1	89.2	89.3	89.3	89.3	89.7
GE 900	70.9	76.4	82.1	85.7	87.8	87.9	88.2	89.4	89.6	89.9	90.3	90.4	90.6	90.6	90.6	90.9
GE 800	71.2	77.0	82.9	86.9	89.0	89.1	89.4	90.8	90.9	91.2	91.9	92.0	92.1	92.1	92.1	92.4
GE 700	71.9	77.9	84.1	88.2	91.0	91.2	91.8	93.7	93.8	94.3	95.0	95.1	95.2	95.2	95.2	95.6
GE 600	71.9	78.0	84.3	88.4	91.6	91.8	92.9	94.9	95.0	95.6	96.2	96.3	96.4	96.4	96.4	96.8
GE 500	72.1	78.3	84.7	88.9	92.2	92.4	93.8	96.0	96.1	96.8	97.4	97.6	97.7	97.7	97.7	98.0
GE 400	72.1	78.3	84.7	88.9	92.4	92.7	94.1	96.3	96.4	97.1	97.8	97.9	98.0	98.0	98.0	98.3
GE 300	72.1	78.3	84.8	89.0	92.6	92.8	94.4	97.0	97.1	97.9	98.6	98.7	98.8	98.8	98.8	99.2
GE 200	72.1	78.3	84.8	89.0	92.6	92.8	94.4	97.0	97.1	97.9	98.6	98.7	99.0	99.0	99.1	99.9
GE 100	72.1	78.3	84.8	89.0	92.6	92.8	94.4	97.0	97.1	97.9	98.6	98.7	99.0	99.0	99.1	100.0
GE 000	72.1	78.3	84.8	89.0	92.6	92.8	94.4	97.0	97.1	97.9	98.6	98.7	99.0	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.4	32.2	34.0	35.4	36.1	36.6	36.8	37.6	37.6	37.8	37.8	37.8	37.9	37.9	38.0	38.2
GE 20000	32.7	33.4	35.6	37.0	37.7	38.1	38.3	39.1	39.1	39.3	39.3	39.3	39.4	39.4	39.6	40.0
GE 18000	32.7	33.4	35.6	37.0	37.7	38.1	38.3	39.1	39.1	39.3	39.3	39.3	39.4	39.4	39.6	40.0
GE 16000	32.7	33.4	35.6	37.0	37.7	38.1	38.3	39.1	39.1	39.3	39.3	39.3	39.4	39.4	39.6	40.0
GE 14000	33.0	33.8	35.9	37.3	38.0	38.4	38.7	39.4	39.4	39.7	39.7	39.7	39.8	39.8	39.9	40.3
GE 12000	33.8	34.8	36.9	38.3	39.0	39.4	39.7	40.4	40.4	40.7	40.7	40.7	40.8	40.8	40.9	41.3
GE 10000	36.2	37.3	39.8	41.2	41.9	42.3	42.6	43.3	43.3	43.6	43.6	43.6	43.7	43.7	43.8	44.2
GE 9000	36.4	37.7	40.4	41.9	42.6	43.0	43.2	44.0	44.0	44.2	44.2	44.2	44.3	44.3	44.4	44.9
GE 8000	38.4	40.1	43.3	45.2	45.9	46.3	46.6	47.3	47.3	47.6	47.6	47.6	47.7	47.7	47.8	48.2
GE 7000	40.8	42.4	45.7	47.6	48.2	48.8	49.0	49.8	49.8	50.0	50.0	50.0	50.1	50.1	50.2	50.7
GE 6000	41.1	42.8	46.0	47.9	48.6	49.1	49.3	50.1	50.1	50.3	50.3	50.3	50.4	50.4	50.6	51.0
GE 5000	43.1	44.9	48.1	50.1	50.8	51.3	51.6	52.3	52.3	52.6	52.6	52.6	52.7	52.7	52.8	53.2
GE 4500	45.0	46.8	50.1	52.1	52.8	53.3	53.6	54.3	54.3	54.6	54.6	54.6	54.7	54.7	54.8	55.2
GE 4000	50.6	52.3	56.2	58.4	59.3	60.0	60.2	61.0	61.0	61.2	61.2	61.2	61.3	61.3	61.4	61.9
GE 3500	53.0	54.9	59.2	61.6	62.4	63.1	63.3	64.2	64.2	64.4	64.4	64.4	64.6	64.6	64.7	65.1
GE 3000	55.6	57.9	62.4	64.9	66.0	67.0	67.3	68.2	68.2	68.4	68.4	68.4	68.6	68.6	68.7	69.1
GE 2500	60.2	63.7	68.7	71.3	72.6	73.6	74.0	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.3	75.8
GE 2000	63.6	67.6	72.8	76.0	77.4	78.4	79.0	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.3	80.8
GE 1800	64.0	68.0	73.3	76.7	78.1	79.1	79.7	80.6	80.6	80.9	80.9	80.9	81.0	81.0	81.1	81.6
GE 1500	66.2	70.2	76.2	79.9	81.6	82.8	83.3	84.4	84.4	84.8	84.8	84.8	84.9	84.9	85.0	85.4
GE 1200	67.9	72.3	78.4	82.1	84.0	85.2	85.8	87.1	87.1	87.6	87.6	87.6	87.7	87.7	87.8	88.2
GE 1000	68.4	73.1	79.6	83.3	85.8	87.0	87.6	88.9	88.9	89.3	89.6	89.6	89.7	89.7	89.8	90.2
GE 900	69.3	74.0	80.6	84.3	86.8	88.0	88.6	89.9	89.9	90.3	90.6	90.6	90.7	90.7	90.8	91.2
GE 800	69.6	74.2	80.9	85.0	87.7	88.9	89.4	91.0	91.0	91.4	91.7	91.7	91.8	91.8	91.9	92.3
GE 700	69.9	74.7	81.4	85.6	88.6	89.9	90.8	92.8	92.8	93.4	93.7	93.7	93.8	93.8	93.9	94.3
GE 600	70.2	75.0	81.9	86.0	89.6	90.9	92.2	94.6	94.6	95.2	95.4	95.4	95.6	95.6	95.7	96.1
GE 500	70.2	75.1	82.0	86.1	90.0	91.3	92.8	95.2	95.2	95.9	96.1	96.1	96.3	96.3	96.4	96.9
GE 400	70.3	75.2	82.1	86.2	90.4	91.9	93.3	95.8	95.8	96.6	96.8	97.0	97.4	97.4	97.6	98.0
GE 300	70.3	75.2	82.1	86.2	90.4	91.9	93.4	96.0	96.0	96.8	97.1	97.4	98.1	98.1	98.3	98.9
GE 200	70.3	75.2	82.2	86.3	90.6	92.2	93.8	96.3	96.3	97.1	97.4	97.8	98.4	98.4	98.8	99.7
GE 100	70.3	75.2	82.2	86.3	90.6	92.2	93.8	96.3	96.3	97.1	97.4	97.8	98.4	98.4	98.9	100.0
GE 000	70.3	75.2	82.2	86.3	90.6	92.2	93.8	96.3	96.3	97.1	97.4	97.8	98.4	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.9	29.0	30.4	31.4	32.6	33.3	33.7	34.0	34.0	34.1	34.3	34.3	34.6	34.6	34.6	34.8
GE 20000	29.8	30.9	32.3	33.8	35.0	35.8	36.1	36.4	36.4	36.6	36.8	36.8	37.0	37.0	37.0	37.3
GE 18000	29.9	31.0	32.4	33.9	35.1	35.9	36.2	36.6	36.6	36.7	36.9	36.9	37.1	37.1	37.1	37.4
GE 16000	30.0	31.1	32.6	34.0	35.2	36.0	36.3	36.7	36.7	36.8	37.0	37.0	37.2	37.2	37.2	37.6
GE 14000	30.3	31.4	32.9	34.3	35.6	36.3	36.7	37.0	37.0	37.1	37.3	37.3	37.6	37.6	37.6	37.9
GE 12000	31.6	32.8	34.2	35.9	37.1	37.9	38.2	38.6	38.6	38.7	38.9	38.9	39.1	39.1	39.1	39.4
GE 10000	33.3	34.7	36.1	37.9	39.3	40.1	40.4	40.8	40.8	40.9	41.1	41.1	41.3	41.3	41.3	41.7
GE 9000	33.3	34.7	36.1	37.9	39.3	40.1	40.4	40.8	40.8	40.9	41.1	41.1	41.3	41.3	41.3	41.7
GE 8000	35.0	36.4	38.0	39.8	41.3	42.2	42.6	43.0	43.0	43.2	43.4	43.4	43.7	43.7	43.7	44.2
GE 7000	36.6	38.2	39.8	41.8	43.3	44.2	44.6	45.0	45.0	45.2	45.4	45.4	45.7	45.7	45.7	46.2
GE 6000	36.8	38.4	40.1	42.1	43.8	44.7	45.0	45.4	45.4	45.7	45.9	45.9	46.1	46.1	46.1	46.7
GE 5000	38.1	39.8	41.7	43.9	45.6	46.4	46.8	47.2	47.2	47.6	47.8	47.8	48.0	48.0	48.0	48.6
GE 4500	39.3	41.1	43.1	45.3	47.0	47.9	48.3	48.9	48.9	49.2	49.4	49.4	49.7	49.7	49.7	50.2
GE 4000	43.7	45.9	48.1	50.4	52.1	53.1	53.7	54.2	54.2	54.6	54.8	54.8	55.0	55.0	55.0	55.6
GE 3500	48.2	50.7	53.2	55.7	57.6	58.6	59.1	59.8	59.8	60.1	60.3	60.3	60.6	60.6	60.6	61.1
GE 3000	50.7	53.4	56.2	59.2	61.3	62.3	63.2	64.0	64.0	64.3	64.6	64.6	64.8	64.8	64.8	65.3
GE 2500	56.8	61.3	64.2	67.4	69.9	71.0	72.1	72.9	72.9	73.2	73.4	73.4	73.7	73.7	73.7	74.2
GE 2000	61.2	66.0	69.2	72.4	75.0	76.1	77.3	78.2	78.2	78.6	78.8	78.8	79.0	79.0	79.0	79.6
GE 1800	62.3	67.1	70.4	73.7	76.3	77.4	78.7	79.6	79.6	79.9	80.1	80.1	80.3	80.3	80.3	80.9
GE 1500	63.6	68.6	72.4	75.9	78.9	80.0	81.4	82.3	82.4	82.8	83.0	83.0	83.2	83.2	83.2	83.8
GE 1200	65.3	70.4	74.8	78.2	81.3	82.4	84.0	85.6	85.8	86.1	86.3	86.3	86.6	86.6	86.6	87.1
GE 1000	65.9	71.3	75.9	79.8	83.2	84.3	85.9	87.7	88.0	88.6	89.0	89.0	89.2	89.2	89.2	89.8
GE 900	66.1	71.6	76.2	80.4	83.9	85.0	86.7	88.4	88.8	89.3	89.8	89.8	90.0	90.0	90.0	90.6
GE 800	66.3	71.8	76.7	81.0	84.7	85.8	87.6	89.6	90.0	90.7	91.1	91.1	91.4	91.4	91.4	92.0
GE 700	66.8	72.3	77.2	81.8	85.0	87.0	89.0	91.1	91.6	92.4	93.0	93.0	93.3	93.3	93.3	94.0
GE 600	66.9	72.6	77.6	82.1	86.2	87.6	89.9	92.0	92.4	93.3	93.9	93.9	94.2	94.3	94.3	95.0
GE 500	67.2	72.9	78.0	82.6	86.9	88.3	90.8	93.2	93.7	94.6	95.2	95.2	95.6	95.7	95.8	96.4
GE 400	67.2	72.9	78.0	82.6	87.2	88.9	91.3	94.0	94.4	95.3	96.1	96.1	96.4	96.6	96.7	97.3
GE 300	67.2	72.9	78.0	82.6	87.2	88.9	91.3	94.4	95.0	95.9	96.9	96.9	97.4	97.7	97.9	98.7
GE 200	67.4	73.1	78.2	82.8	87.6	89.2	91.7	94.8	95.3	96.2	97.2	97.2	98.0	98.2	98.6	99.7
GE 100	67.4	73.1	78.2	82.8	87.6	89.2	91.7	94.8	95.3	96.2	97.2	97.2	98.1	98.3	98.8	100.0
GE 000	67.4	73.1	78.2	82.8	87.6	89.2	91.7	94.8	95.3	96.2	97.2	97.2	98.1	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 09-11

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.1	25.4	26.4	26.9	27.6	27.9	28.0	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 20000	27.2	28.7	29.7	30.2	30.9	31.2	31.4	31.6	31.6	31.7	31.7	31.7	31.8	31.8	31.8	31.8
GE 18000	27.6	29.0	30.0	30.6	31.2	31.6	31.8	31.9	31.9	32.0	32.0	32.0	32.1	32.1	32.1	32.1
GE 16000	27.6	29.0	30.0	30.6	31.2	31.6	31.8	31.9	31.9	32.0	32.0	32.0	32.1	32.1	32.1	32.1
GE 14000	27.9	29.3	30.3	30.9	31.6	31.9	32.1	32.2	32.2	32.3	32.3	32.3	32.4	32.4	32.4	32.4
GE 12000	29.7	31.3	32.4	33.0	33.7	34.0	34.2	34.3	34.3	34.4	34.4	34.4	34.6	34.6	34.6	34.6
GE 10000	32.0	33.9	35.2	35.8	36.4	36.8	37.0	37.1	37.1	37.2	37.2	37.2	37.3	37.3	37.3	37.3
GE 9000	32.4	34.3	35.9	36.4	37.1	37.4	37.7	37.8	37.8	37.9	37.9	37.9	38.0	38.0	38.0	38.0
GE 8000	36.2	38.4	40.7	41.6	42.4	42.8	43.0	43.1	43.1	43.2	43.2	43.3	43.4	43.4	43.4	43.4
GE 7000	37.3	39.6	41.8	42.7	43.7	44.0	44.2	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7
GE 6000	38.0	40.2	42.4	43.3	44.3	44.7	44.9	45.0	45.0	45.1	45.1	45.2	45.3	45.3	45.3	45.3
GE 5000	39.2	41.4	44.1	45.0	46.0	46.3	46.6	46.7	46.7	46.8	46.8	46.9	47.0	47.0	47.0	47.0
GE 4500	40.1	42.3	45.2	46.1	47.1	47.4	47.9	48.1	48.1	48.2	48.2	48.3	48.4	48.4	48.4	48.4
GE 4000	43.9	47.7	51.0	51.9	52.9	53.2	53.8	54.1	54.1	54.2	54.2	54.3	54.7	54.7	54.7	54.7
GE 3500	47.9	51.8	55.4	56.3	57.4	57.9	58.6	58.9	59.0	59.1	59.1	59.2	59.6	59.6	59.6	59.6
GE 3000	52.7	56.7	60.6	61.9	63.1	63.6	64.2	64.8	64.9	65.1	65.1	65.2	65.6	65.6	65.6	65.6
GE 2500	57.8	62.2	66.4	68.3	69.7	70.1	71.0	71.6	71.7	71.9	71.9	72.0	72.3	72.3	72.3	72.3
GE 2000	61.3	66.4	71.0	73.1	74.9	75.4	76.4	77.0	77.1	77.3	77.3	77.4	77.8	77.8	77.8	77.8
GE 1800	61.9	67.0	71.6	73.7	75.6	76.1	77.1	77.7	77.8	78.0	78.0	78.1	78.4	78.4	78.4	78.4
GE 1500	64.6	69.9	74.8	77.2	79.3	80.0	81.1	81.9	82.0	82.2	82.2	82.3	82.7	82.7	82.7	82.7
GE 1200	66.3	71.8	76.7	79.4	81.8	82.8	84.4	85.4	85.7	85.9	86.1	86.2	86.6	86.6	86.6	86.6
GE 1000	66.8	72.6	77.9	80.8	83.3	84.3	86.1	87.1	87.3	87.8	88.2	88.3	88.9	88.9	88.9	88.9
GE 900	67.0	72.8	78.4	81.6	84.3	85.3	87.2	88.2	88.4	88.9	89.3	89.7	90.2	90.2	90.2	90.2
GE 800	67.1	72.9	78.7	82.0	84.8	85.9	87.9	89.3	89.6	90.0	90.4	90.8	91.3	91.3	91.3	91.3
GE 700	67.3	73.2	79.0	82.4	85.2	86.3	88.6	90.2	90.4	91.0	91.6	92.1	93.0	93.0	93.1	93.2
GE 600	67.3	73.4	79.2	82.8	85.8	87.1	89.8	91.4	91.7	92.4	93.0	93.6	94.4	94.4	94.6	94.7
GE 500	67.3	73.4	79.2	82.8	86.1	87.4	90.1	92.1	92.4	93.6	94.6	95.1	96.1	96.1	96.2	96.3
GE 400	67.3	73.4	79.3	82.9	86.4	87.9	90.7	92.9	93.3	94.8	95.9	96.4	97.4	97.4	97.6	97.7
GE 300	67.3	73.4	79.3	82.9	86.4	87.9	90.8	93.2	93.8	95.2	96.4	97.0	98.7	98.7	98.8	99.1
GE 200	67.3	73.4	79.3	82.9	86.4	87.9	90.8	93.4	94.0	95.4	96.7	97.2	98.9	98.9	99.1	99.6
GE 100	67.3	73.4	79.3	82.9	86.4	88.0	90.9	93.8	94.3	95.8	97.0	97.6	99.2	99.2	99.4	100.0
GE 000	67.3	73.4	79.3	82.9	86.4	88.0	90.9	93.8	94.3	95.8	97.0	97.6	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.7	26.4	27.1	27.3	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 20000	27.3	29.3	30.1	30.3	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 18000	27.7	29.7	30.4	30.7	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 16000	27.7	29.8	30.6	30.8	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 14000	28.2	30.3	31.1	31.3	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 12000	29.9	32.7	33.4	33.7	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 10000	32.3	35.3	36.2	36.4	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 9000	33.1	36.1	37.0	37.2	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 8000	37.0	40.3	42.0	42.3	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 7000	38.2	41.7	43.4	43.8	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 6000	39.1	42.6	44.3	44.7	45.2	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 5000	40.6	44.2	46.1	46.7	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 4500	41.4	45.1	47.0	47.6	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 4000	45.9	50.2	52.3	52.9	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 3500	49.2	53.7	55.8	56.3	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 3000	55.3	60.1	62.8	63.8	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 2500	62.3	67.8	70.8	71.9	72.9	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 2000	66.2	72.8	76.0	77.2	78.2	78.4	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1800	66.7	73.3	76.6	77.8	78.8	79.0	79.3	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1500	69.6	76.4	80.0	81.3	82.3	82.6	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	71.8	78.9	82.7	84.0	85.2	85.4	86.0	86.1	86.2	86.3	86.3	86.3	86.7	86.7	86.7	86.7
GE 1000	72.1	79.3	83.6	85.1	86.4	86.7	87.2	87.3	87.4	87.8	87.8	87.8	88.3	88.3	88.3	88.3
GE 900	72.4	79.7	84.3	86.3	87.8	88.1	89.1	89.2	89.3	89.7	89.7	90.0	90.6	90.6	90.6	90.6
GE 800	72.6	79.9	85.0	87.2	88.7	89.0	90.2	90.4	90.6	91.0	91.0	91.3	91.9	91.9	91.9	91.9
GE 700	72.7	80.0	85.2	87.8	89.6	89.9	91.4	92.0	92.2	92.8	92.8	93.1	93.7	93.7	93.7	93.7
GE 600	72.7	80.0	85.2	87.8	89.9	90.3	92.4	93.7	93.9	94.4	94.4	94.8	95.3	95.3	95.3	95.3
GE 500	73.0	80.3	85.6	88.2	90.3	90.8	92.9	94.8	95.2	96.4	96.4	96.9	97.6	97.6	97.6	97.6
GE 400	73.0	80.3	85.6	88.2	90.4	91.0	93.2	95.7	96.1	97.6	97.8	98.3	99.0	99.0	99.1	99.1
GE 300	73.0	80.3	85.6	88.2	90.4	91.3	93.6	96.1	96.7	98.1	98.3	98.9	99.6	99.6	99.7	99.7
GE 200	73.0	80.3	85.6	88.2	90.4	91.3	93.6	96.3	96.9	98.3	98.6	99.1	99.8	99.8	100.0	100.0
GE 100	73.0	80.3	85.6	88.2	90.4	91.3	93.6	96.3	96.9	98.3	98.6	99.1	99.8	99.8	100.0	100.0
GE 000	73.0	80.3	85.6	88.2	90.4	91.3	93.6	96.3	96.9	98.3	98.6	99.1	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.0	28.8	29.8	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 20000	31.3	33.8	34.8	35.3	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 18000	31.6	34.0	35.0	35.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 16000	31.9	34.3	35.3	35.9	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 14000	32.9	35.3	36.3	36.9	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 12000	34.0	36.8	37.9	38.4	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 10000	35.1	38.0	39.2	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 9000	36.2	39.3	40.7	41.2	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 8000	39.6	43.0	44.8	45.4	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 7000	41.4	45.0	46.8	47.4	47.8	47.9	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 6000	42.1	45.7	47.8	48.6	48.9	49.0	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 5000	43.3	47.0	49.2	50.1	50.4	50.6	50.6	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 4500	44.1	48.1	50.4	51.4	52.0	52.1	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 4000	49.1	53.3	55.8	56.9	57.7	57.8	58.0	58.1	59.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 3500	52.0	56.3	58.9	60.0	60.8	60.9	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 3000	57.9	62.4	65.2	66.4	67.4	67.6	67.8	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 2500	63.1	68.8	72.1	73.8	75.0	75.1	75.3	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2000	65.9	72.4	76.4	78.2	79.6	79.7	79.9	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1800	66.6	73.4	77.4	79.3	80.8	80.9	81.1	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1500	68.7	75.7	80.0	82.7	84.2	84.3	84.6	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1200	69.8	77.1	81.7	84.3	86.2	86.3	86.6	87.1	87.1	87.2	87.2	87.3	87.6	87.6	87.6	87.6
GE 1000	70.4	77.9	82.6	85.3	87.2	87.4	88.0	88.6	88.6	88.8	88.8	88.9	89.4	89.4	89.4	89.4
GE 900	70.7	78.3	83.0	85.9	87.9	88.2	88.9	89.6	89.6	90.1	90.1	90.2	90.8	90.8	90.8	90.8
GE 800	71.0	78.9	83.7	86.9	89.3	89.8	90.9	91.8	91.8	92.6	92.6	92.7	93.2	93.2	93.2	93.2
GE 700	71.2	79.1	83.9	87.2	89.8	90.2	91.4	92.3	92.3	93.1	93.1	93.2	93.8	93.8	93.8	93.8
GE 600	71.2	79.1	83.9	87.6	90.3	91.0	92.3	93.6	93.9	94.7	94.7	94.8	95.3	95.3	95.3	95.3
GE 500	71.2	79.1	83.9	87.7	90.6	91.4	92.9	94.2	94.8	96.0	96.3	96.4	97.1	97.1	97.1	97.1
GE 400	71.2	79.1	83.9	87.7	90.6	91.7	93.3	95.0	96.0	97.7	98.1	98.2	98.9	98.9	98.9	98.9
GE 300	71.2	79.1	83.9	87.7	90.6	91.7	93.4	95.1	96.3	98.2	98.7	98.8	99.6	99.6	99.6	99.6
GE 200	71.2	79.1	83.9	87.7	90.6	91.7	93.6	95.2	96.4	98.3	98.8	98.9	99.7	99.7	99.7	99.7
GE 100	71.2	79.1	83.9	87.7	90.6	91.7	93.6	95.2	96.4	98.3	98.8	98.9	99.8	99.9	100.0	100.0
GE 000	71.2	79.1	83.9	87.7	90.6	91.7	93.6	95.2	96.4	98.3	98.8	98.9	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.1	29.1	30.0	30.6	31.2	31.3	31.4	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.9	31.9
GE 20000	32.2	33.4	34.8	35.6	36.2	36.3	36.4	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.9	36.9
GE 18000	32.3	33.6	34.9	35.7	36.3	36.4	36.6	36.8	36.8	36.9	36.9	36.9	36.9	36.9	37.0	37.0
GE 16000	32.6	33.8	35.1	35.9	36.6	36.7	36.8	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.2	37.2
GE 14000	32.9	34.1	35.4	36.2	36.9	37.0	37.1	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.6	37.6
GE 12000	34.3	35.7	37.0	37.8	38.4	38.6	38.7	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.1	39.1
GE 10000	36.2	37.9	39.4	40.2	40.9	41.0	41.1	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.6	41.6
GE 9000	37.4	39.2	40.9	41.7	42.3	42.4	42.6	42.8	42.8	42.9	42.9	42.9	42.9	42.9	43.0	43.0
GE 8000	40.1	42.2	44.0	45.0	45.7	45.8	45.9	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.3	46.3
GE 7000	42.1	44.4	46.2	47.2	47.9	48.0	48.1	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.6	48.6
GE 6000	42.9	45.2	47.0	48.0	48.7	48.8	48.9	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.3	49.3
GE 5000	44.4	46.8	48.8	49.9	50.7	50.8	50.9	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4
GE 4500	45.9	48.3	50.3	51.4	52.2	52.3	52.4	52.8	52.8	52.9	52.9	52.9	52.9	52.9	53.0	53.0
GE 4000	49.6	52.1	54.6	55.7	56.8	56.9	57.3	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.2	58.2
GE 3500	52.8	55.7	58.2	59.3	60.6	60.7	61.1	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0
GE 3000	59.3	62.4	65.4	67.0	68.2	68.3	68.8	69.7	69.7	69.9	69.9	69.9	69.9	69.9	70.0	70.0
GE 2500	65.0	68.6	72.0	73.6	74.9	75.0	75.4	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.7	76.7
GE 2000	66.4	70.2	74.6	76.2	77.6	77.7	78.1	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.3	79.3
GE 1800	67.3	71.1	75.7	77.3	78.7	78.8	79.2	80.1	80.1	80.7	80.7	80.7	80.7	80.7	80.8	80.8
GE 1500	69.7	74.3	79.3	81.3	82.8	83.0	83.6	84.8	85.0	85.6	85.6	85.6	85.6	85.6	85.7	85.7
GE 1200	70.8	75.9	81.2	83.2	84.8	85.0	85.6	86.9	87.1	87.7	87.7	87.7	87.7	87.7	87.8	87.8
GE 1000	71.3	76.6	81.9	83.9	85.4	85.7	86.3	87.7	87.9	88.7	88.8	88.8	88.8	88.8	88.9	88.9
GE 900	71.4	76.8	82.3	84.3	85.9	86.1	87.2	89.1	89.4	90.3	90.4	90.4	90.4	90.4	90.6	90.6
GE 800	71.4	76.9	82.6	84.9	87.2	87.7	88.8	90.9	91.3	92.3	92.4	92.4	92.4	92.4	92.6	92.6
GE 700	71.6	77.1	83.0	85.4	88.1	88.6	89.8	91.9	92.3	93.3	93.4	93.4	93.4	93.4	93.6	93.6
GE 600	71.6	77.1	83.1	85.7	88.6	89.0	90.7	92.9	93.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8
GE 500	71.8	77.3	83.3	85.9	88.9	89.6	91.2	93.8	94.4	95.4	95.7	95.7	95.7	95.7	95.8	95.8
GE 400	71.8	77.3	83.3	85.9	89.0	90.3	92.3	95.3	96.1	97.1	97.7	97.7	97.7	97.7	97.8	97.8
GE 300	71.8	77.3	83.3	85.9	89.1	90.4	92.6	95.9	96.8	98.1	98.9	99.0	99.0	99.0	99.1	99.1
GE 200	71.8	77.3	83.3	85.9	89.1	90.4	92.6	96.0	97.1	98.6	99.6	99.7	99.9	99.9	100.0	100.0
GE 100	71.8	77.3	83.3	85.9	89.1	90.4	92.6	96.0	97.1	98.6	99.6	99.7	99.9	99.9	100.0	100.0
GE 000	71.8	77.3	83.3	85.9	89.1	90.4	92.6	96.0	97.1	98.6	99.6	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.4	30.1	31.2	32.4	33.1	33.1	33.1	33.4	33.4	33.4	33.4	33.4	33.6	33.6	33.8	34.0
GE 20000	32.0	33.7	35.1	36.6	37.2	37.2	37.2	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.9	38.1
GE 18000	32.0	33.7	35.1	36.6	37.2	37.2	37.2	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.9	38.1
GE 16000	32.3	34.0	35.4	36.9	37.6	37.6	37.6	37.9	37.9	37.9	37.9	37.9	38.0	38.0	38.2	38.4
GE 14000	32.7	34.3	35.8	37.2	37.9	37.9	37.9	38.2	38.2	38.2	38.2	38.2	38.3	38.3	38.6	38.8
GE 12000	34.1	35.8	37.2	38.7	39.3	39.3	39.3	39.7	39.7	39.7	39.7	39.7	39.8	39.8	40.0	40.2
GE 10000	36.7	38.4	40.1	41.6	42.2	42.2	42.2	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.9	43.1
GE 9000	37.3	39.1	40.8	42.2	42.9	42.9	42.9	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.6	43.8
GE 8000	39.8	41.7	43.3	44.8	45.4	45.4	45.4	45.8	45.8	45.8	45.8	45.8	45.9	45.9	46.1	46.3
GE 7000	41.7	44.0	45.7	47.1	47.8	47.8	47.8	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.4	48.7
GE 6000	42.1	44.4	46.1	47.6	48.2	48.2	48.2	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.9	49.1
GE 5000	43.7	46.0	47.7	49.2	49.9	49.9	49.9	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.6	50.8
GE 4500	44.7	47.0	48.8	50.3	51.2	51.2	51.2	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.9	52.1
GE 4000	49.4	52.0	54.1	55.8	56.8	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.4	57.7
GE 3500	54.0	56.6	58.8	60.7	61.7	61.7	61.8	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.4	62.7
GE 3000	59.8	62.8	65.2	67.4	68.7	68.7	69.0	69.7	69.9	69.9	69.9	69.9	70.0	70.0	70.2	70.4
GE 2500	64.3	67.6	70.4	72.8	74.1	74.1	74.7	75.3	75.6	75.6	75.6	75.6	75.7	75.7	75.9	76.1
GE 2000	67.0	70.9	74.1	76.9	78.6	78.6	79.1	79.8	80.0	80.0	80.0	80.0	80.1	80.1	80.3	80.6
GE 1800	68.4	72.3	75.6	78.6	80.3	80.3	80.9	81.9	82.1	82.1	82.1	82.1	82.2	82.2	82.4	82.7
GE 1600	70.0	74.2	78.0	81.6	83.8	83.9	84.8	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.3	86.6
GE 1400	70.7	75.2	79.1	83.1	85.3	85.6	86.4	87.4	87.7	87.7	87.7	87.7	87.8	87.8	88.0	88.2
GE 1200	71.2	75.8	79.8	83.8	86.0	86.2	87.1	88.2	88.4	88.6	88.7	88.7	88.8	88.8	89.0	89.2
GE 1000	71.2	75.8	79.9	83.9	86.1	86.6	87.9	89.0	89.2	89.3	89.6	89.6	89.7	89.7	89.9	90.1
GE 900	71.6	76.1	80.7	85.0	87.7	88.1	89.8	91.0	91.2	91.4	91.8	91.8	91.9	91.9	92.1	92.3
GE 800	72.1	77.0	81.7	86.1	89.2	89.7	91.3	92.6	93.0	93.2	93.7	93.7	94.0	94.0	94.2	94.4
GE 700	72.1	77.2	82.0	86.7	90.0	90.6	92.6	93.8	94.3	94.7	95.1	95.1	95.4	95.4	95.7	95.9
GE 600	72.2	77.3	82.3	87.0	90.3	91.0	93.0	94.4	95.0	95.3	95.8	95.9	96.2	96.2	96.4	96.7
GE 500	72.2	77.3	82.3	87.2	90.6	91.3	93.3	94.9	95.4	95.9	96.6	96.7	97.0	97.0	97.2	97.4
GE 400	72.2	77.3	82.3	87.2	90.7	91.7	94.0	95.8	96.9	97.4	98.2	98.3	98.7	98.7	98.9	99.1
GE 300	72.2	77.3	82.3	87.2	90.7	91.7	94.0	95.8	96.9	97.6	98.6	98.7	99.3	99.4	99.7	100.0
GE 200	72.2	77.3	82.3	87.2	90.7	91.7	94.0	95.8	96.9	97.6	98.6	98.7	99.3	99.4	99.7	100.0
GE 100	72.2	77.3	82.3	87.2	90.7	91.7	94.0	95.8	96.9	97.6	98.6	98.7	99.3	99.4	99.7	100.0
GE 000	72.2	77.3	82.3	87.2	90.7	91.7	94.0	95.8	96.9	97.6	98.6	98.7	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.7	29.1	30.3	31.1	31.7	32.0	32.1	32.4	32.4	32.5	32.5	32.5	32.6	32.6	32.6	32.7
GE 20000	30.6	32.2	33.6	34.5	35.2	35.4	35.6	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.1	36.3
GE 18000	30.8	32.3	33.7	34.7	35.3	35.6	35.7	36.0	36.0	36.1	36.1	36.1	36.2	36.2	36.2	36.4
GE 16000	30.9	32.5	33.8	34.8	35.5	35.7	35.8	36.1	36.1	36.2	36.2	36.2	36.3	36.3	36.4	36.5
GE 14000	31.3	32.9	34.3	35.2	35.9	36.1	36.3	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.8	37.0
GE 12000	32.6	34.4	35.8	36.8	37.4	37.7	37.8	38.1	38.1	38.2	38.2	38.2	38.3	38.3	38.3	38.5
GE 10000	34.8	36.8	38.3	39.3	40.0	40.3	40.4	40.7	40.7	40.8	40.8	40.8	40.9	40.9	40.9	41.1
GE 9000	35.5	37.5	39.2	40.2	40.9	41.1	41.3	41.6	41.6	41.6	41.7	41.7	41.8	41.8	41.8	42.0
GE 8000	38.2	40.6	42.7	43.8	44.6	44.8	45.0	45.3	45.3	45.4	45.4	45.4	45.5	45.5	45.6	45.8
GE 7000	40.0	42.4	44.5	45.7	46.5	46.8	47.0	47.3	47.3	47.4	47.4	47.4	47.5	47.5	47.6	47.8
GE 6000	40.5	43.0	45.2	46.3	47.2	47.4	47.6	47.9	47.9	48.0	48.0	48.1	48.1	48.1	48.2	48.4
GE 5000	42.2	44.7	47.0	48.3	49.2	49.4	49.6	49.9	49.9	50.0	50.1	50.1	50.2	50.2	50.2	50.4
GE 4500	43.4	46.0	48.4	49.8	50.7	51.0	51.2	51.5	51.5	51.6	51.7	51.7	51.8	51.8	51.8	52.0
GE 4000	47.8	50.9	53.6	55.0	56.1	56.4	56.7	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.5	57.7
GE 3500	51.4	54.7	57.6	59.1	60.2	60.6	60.9	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.7	61.9
GE 3000	56.2	59.8	63.0	64.8	66.1	66.5	66.9	67.6	67.6	67.8	67.8	67.8	67.9	67.9	68.0	68.2
GE 2500	61.4	65.8	69.4	71.5	73.0	73.3	73.9	74.5	74.6	74.7	74.8	74.8	74.9	74.9	75.0	75.2
GE 2000	64.5	69.5	73.5	75.9	77.5	77.9	78.4	79.1	79.2	79.3	79.4	79.4	79.5	79.5	79.6	79.8
GE 1800	65.4	70.4	74.5	76.9	78.6	79.0	79.5	80.3	80.3	80.5	80.6	80.6	80.7	80.7	80.8	81.0
GE 1500	67.6	72.9	77.5	80.3	82.2	82.6	83.3	84.1	84.2	84.5	84.5	84.5	84.7	84.7	84.7	84.9
GE 1200	69.1	74.7	79.4	82.3	84.4	84.9	85.7	86.7	86.8	87.1	87.1	87.2	87.4	87.4	87.4	87.6
GE 1000	69.6	75.3	80.3	83.4	85.6	86.1	87.0	88.0	88.2	88.5	88.7	88.8	89.1	89.1	89.1	89.3
GE 900	69.9	75.7	80.9	84.1	86.3	86.9	88.0	89.1	89.3	89.7	90.0	90.1	90.4	90.4	90.4	90.6
GE 800	70.1	76.0	81.4	84.9	87.4	88.0	89.3	90.6	90.8	91.3	91.6	91.7	92.0	92.0	92.1	92.3
GE 700	70.4	76.4	81.9	85.6	88.4	89.1	90.5	92.1	92.3	93.0	93.3	93.4	93.8	93.8	93.8	94.1
GE 600	70.5	76.6	82.2	85.9	89.0	89.8	91.6	93.3	93.7	94.4	94.7	94.8	95.2	95.2	95.3	95.5
GE 500	70.6	76.7	82.4	86.1	89.4	90.3	92.2	94.2	94.6	95.5	95.9	96.1	96.5	96.5	96.6	96.8
GE 400	70.7	76.8	82.4	86.2	89.6	90.7	92.7	95.0	95.5	96.5	97.1	97.3	97.7	97.8	97.8	98.1
GE 300	70.7	76.8	82.4	86.2	89.7	90.8	92.9	95.4	96.1	97.2	97.9	98.1	98.7	98.8	98.9	99.2
GE 200	70.7	76.8	82.5	86.3	89.7	90.9	93.0	95.6	96.3	97.4	98.2	98.4	99.1	99.2	99.4	99.8
GE 100	70.7	76.8	82.5	86.3	89.7	90.9	93.1	95.7	96.3	97.5	98.2	98.4	99.2	99.3	99.5	100.0
GE 000	70.7	76.8	82.5	86.3	89.7	90.9	93.1	95.7	96.3	97.5	98.2	98.4	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.6	31.4	32.0	32.2	32.5	32.7	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9
GE 20000	32.4	33.1	33.8	33.9	34.2	34.4	34.5	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7
GE 18000	32.5	33.2	33.9	34.0	34.3	34.5	34.6	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8
GE 16000	32.5	33.2	33.9	34.0	34.3	34.5	34.6	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8
GE 14000	32.9	33.7	34.3	34.4	34.7	34.9	35.1	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3
GE 12000	33.2	34.0	34.6	34.7	35.1	35.3	35.4	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6
GE 10000	34.2	34.9	35.7	35.8	36.1	36.3	36.6	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9
GE 9000	34.5	35.3	36.0	36.1	36.5	36.7	36.9	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2
GE 8000	36.0	37.2	38.0	38.1	38.5	38.7	38.9	39.1	39.1	39.1	39.4	39.4	39.4	39.4	39.4	39.4
GE 7000	36.8	38.2	39.0	39.2	39.7	39.9	40.1	40.3	40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5
GE 6000	37.8	39.2	40.1	40.3	40.8	41.0	41.2	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6
GE 5000	39.0	40.5	41.7	41.9	42.4	42.6	42.9	43.1	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3
GE 4500	39.9	41.6	42.9	43.1	43.5	43.8	44.1	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6
GE 4000	45.8	47.8	49.4	49.8	50.4	50.9	51.2	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7
GE 3500	49.2	51.5	53.4	54.0	54.6	55.1	55.4	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9
GE 3000	55.8	58.1	60.2	60.8	61.8	62.3	62.7	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2
GE 2500	60.2	62.7	65.5	66.3	67.6	68.4	68.8	69.2	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5
GE 2000	65.4	68.5	71.8	72.7	74.9	76.0	76.8	78.1	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4
GE 1800	66.0	69.4	72.7	73.5	75.9	77.0	77.8	79.1	79.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5
GE 1500	68.0	72.3	76.2	77.5	80.5	82.3	83.5	85.1	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	68.6	72.9	77.0	78.4	81.4	83.1	84.4	86.2	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	69.1	73.8	78.3	79.9	83.2	85.3	87.0	89.2	89.4	89.5	89.7	89.7	89.7	89.9	89.9	89.9
GE 900	69.2	73.9	78.4	80.0	83.3	85.4	87.3	89.8	89.9	90.1	90.3	90.3	90.3	90.5	90.5	90.5
GE 800	69.7	74.3	78.8	80.4	83.9	85.9	87.8	90.6	90.8	91.2	91.5	91.5	91.5	91.7	91.7	91.7
GE 700	70.2	74.9	79.5	81.1	84.6	86.7	88.6	92.0	92.2	92.6	92.9	92.9	92.9	93.1	93.1	93.1
GE 600	70.2	74.9	79.6	81.2	84.7	86.9	89.1	92.6	92.7	93.1	93.4	93.4	93.4	93.7	93.9	93.9
GE 500	70.2	74.9	79.6	81.3	84.9	87.2	89.6	93.4	93.7	94.5	95.1	95.1	95.1	95.3	95.5	95.5
GE 400	70.2	74.9	79.6	81.3	85.1	87.3	89.8	94.1	94.7	95.8	96.3	96.3	96.3	96.6	96.8	96.8
GE 300	70.2	74.9	79.6	81.3	85.2	87.4	90.0	95.1	95.9	97.2	97.8	98.0	98.0	98.2	98.4	98.7
GE 200	70.2	74.9	79.6	81.3	85.2	87.4	90.0	95.3	96.1	97.6	98.4	98.7	98.9	99.1	99.5	99.8
GE 100	70.2	74.9	79.6	81.3	85.2	87.4	90.0	95.3	96.1	97.7	98.6	98.9	99.1	99.4	99.7	100.0
GE 000	70.2	74.9	79.6	81.3	85.2	87.4	90.0	95.3	96.1	97.7	98.6	98.9	99.1	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CELL	28.7	29.7	30.2	30.5	30.6	31.1	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3
GE 20000	29.6	30.5	31.1	31.4	31.5	31.9	32.0	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4
GE 18000	29.7	30.6	31.2	31.5	31.6	32.0	32.2	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5
GE 16000	29.7	30.6	31.2	31.5	31.6	32.0	32.2	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5
GE 14000	29.7	30.6	31.2	31.5	31.6	32.0	32.2	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5
GE 12000	29.9	30.9	31.4	31.7	31.8	32.3	32.4	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9
GE 10000	31.3	32.4	32.9	33.2	33.4	33.9	34.0	34.4	34.4	34.4	34.5	34.5	34.6	34.6	34.6	34.6
GE 9000	32.2	33.2	33.8	34.1	34.3	34.7	34.8	35.3	35.3	35.3	35.4	35.4	35.5	35.5	35.5	35.5
GE 8000	33.2	34.3	34.8	35.2	35.4	35.8	35.9	36.3	36.3	36.3	36.5	36.5	36.6	36.6	36.6	36.6
GE 7000	34.6	35.9	36.6	37.1	37.3	37.7	37.8	38.3	38.3	38.3	38.4	38.4	38.5	38.5	38.5	38.5
GE 6000	35.8	37.1	37.7	38.3	38.5	38.9	39.0	39.5	39.5	39.5	39.6	39.6	39.7	39.7	39.7	39.7
GE 5000	38.0	39.4	40.1	40.6	40.9	41.3	41.4	41.8	41.8	41.8	41.9	41.9	42.0	42.0	42.0	42.0
GE 4500	38.6	40.3	41.1	41.7	41.9	42.4	42.5	42.9	42.9	42.9	43.0	43.0	43.1	43.1	43.1	43.1
GE 4000	44.8	47.0	48.1	48.8	49.6	50.0	50.2	50.6	50.6	50.6	50.8	50.8	50.9	50.9	50.9	50.9
GE 3500	46.6	49.0	50.3	51.6	52.7	53.1	53.3	53.8	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.0
GE 3000	54.2	56.9	58.3	59.6	61.0	61.4	61.7	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5
GE 2500	58.7	61.9	63.8	65.6	67.0	67.4	67.8	68.4	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6
GE 2000	63.8	67.8	70.0	72.3	74.1	74.6	75.3	76.0	76.0	76.0	76.1	76.1	76.2	76.2	76.2	76.2
GE 1800	64.2	68.6	70.8	73.1	75.1	75.6	76.2	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3
GE 1500	66.0	70.6	73.1	76.2	78.7	79.6	80.5	81.6	81.7	81.9	82.0	82.0	82.3	82.3	82.4	82.4
GE 1200	66.9	71.6	74.4	77.5	80.4	81.3	82.5	83.8	83.9	84.1	84.2	84.2	84.4	84.4	84.5	84.5
GE 1000	68.0	72.8	75.7	78.8	81.9	83.0	84.6	86.2	86.3	86.6	86.7	86.7	87.0	87.0	87.1	87.1
GE 900	68.0	72.8	75.7	78.9	82.3	83.3	84.9	86.9	87.0	87.5	87.6	87.6	88.0	88.0	88.1	88.1
GE 800	68.3	73.7	76.7	79.9	83.4	84.6	86.7	89.0	89.1	89.7	89.9	89.9	90.2	90.2	90.3	90.3
GE 700	68.3	73.8	76.8	80.1	83.8	85.1	87.1	89.8	90.2	91.0	91.3	91.3	91.6	91.6	91.7	91.7
GE 600	68.3	73.8	76.8	80.1	83.8	85.1	87.3	90.0	90.4	91.3	91.6	91.6	91.9	91.9	92.0	92.0
GE 500	68.3	73.8	76.8	80.1	83.8	85.1	87.7	91.4	91.8	93.1	93.4	93.4	93.9	93.9	94.0	94.0
GE 400	68.3	73.8	76.8	80.4	84.3	85.6	89.2	93.1	93.5	95.2	95.5	95.5	96.0	96.0	96.1	96.1
GE 300	68.3	73.8	76.8	80.4	84.4	85.7	89.8	94.2	95.2	96.9	97.2	97.2	97.7	97.7	98.0	98.3
GE 200	68.3	73.8	76.8	80.4	84.4	85.7	89.8	94.2	95.3	97.1	97.6	97.6	98.5	98.5	98.9	99.5
GE 100	68.3	73.8	76.8	80.4	84.4	85.7	89.8	94.2	95.3	97.2	97.7	97.7	98.6	98.7	99.2	99.9
GE 000	68.3	73.8	76.8	80.4	84.4	85.7	89.8	94.2	95.3	97.2	97.7	97.7	98.6	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.9	24.4	24.8	25.3	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.8
GE 20000	24.8	25.4	25.8	26.3	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9
GE 18000	24.8	25.4	25.8	26.3	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9
GE 16000	24.8	25.4	25.8	26.3	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9
GE 14000	24.9	25.5	25.9	26.5	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1
GE 12000	25.4	25.9	26.3	26.9	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5
GE 10000	26.6	27.1	27.5	28.1	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.8
GE 9000	28.5	29.0	29.5	30.0	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.8
GE 8000	29.8	30.4	31.0	31.5	32.0	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4
GE 7000	31.2	31.9	32.7	33.2	33.8	33.9	33.9	34.0	34.0	34.0	34.1	34.2	34.2	34.2	34.2	34.3
GE 6000	32.0	32.8	33.5	34.1	34.6	34.7	34.7	34.8	34.8	34.8	34.9	35.1	35.1	35.1	35.1	35.2
GE 5000	34.3	35.2	36.1	36.7	37.2	37.3	37.3	37.4	37.4	37.4	37.5	37.6	37.6	37.6	37.6	37.7
GE 4500	35.1	36.1	37.2	37.7	38.5	38.6	38.6	38.7	38.7	38.7	38.8	38.9	38.9	38.9	38.9	39.0
GE 4000	41.0	42.5	44.0	44.6	46.0	46.1	46.2	46.3	46.3	46.5	46.6	46.7	46.7	46.7	46.7	46.8
GE 3500	42.9	44.7	46.7	47.4	49.0	49.1	49.2	49.4	49.4	49.5	49.6	49.7	49.7	49.7	49.7	49.8
GE 3000	49.2	51.4	53.9	54.9	56.9	57.0	57.1	57.2	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.6
GE 2500	54.6	57.0	60.0	61.3	63.5	63.9	64.3	64.4	64.4	64.5	64.6	64.7	64.7	64.7	64.7	64.8
GE 2000	58.8	61.9	65.5	67.3	69.8	70.3	71.1	71.6	71.6	71.8	71.9	72.0	72.0	72.0	72.0	72.2
GE 1800	59.7	63.0	66.7	68.6	71.3	71.8	72.6	73.1	73.1	73.3	73.4	73.5	73.5	73.5	73.5	73.7
GE 1500	62.3	66.0	70.3	72.8	75.8	77.0	78.3	79.7	79.9	80.5	80.8	80.9	80.9	80.9	80.9	81.0
GE 1200	63.0	67.0	71.3	73.9	77.3	78.7	80.2	81.6	81.9	82.6	82.9	83.0	83.0	83.0	83.0	83.1
GE 1000	64.3	68.4	72.8	75.6	79.5	81.0	82.9	84.6	84.9	85.6	85.9	86.0	86.0	86.0	86.1	86.2
GE 900	64.4	68.6	73.1	75.9	80.0	81.5	83.4	85.4	85.8	86.6	86.9	87.0	87.0	87.0	87.1	87.2
GE 800	64.6	69.0	73.8	77.0	81.3	82.8	84.8	86.8	87.2	88.1	88.4	88.5	88.5	88.5	88.6	88.7
GE 700	64.7	69.2	74.1	77.3	81.8	83.3	85.5	87.8	88.6	89.6	90.0	90.1	90.2	90.2	90.3	90.4
GE 600	64.8	69.4	74.2	77.4	82.4	83.9	86.3	89.0	90.0	91.0	91.4	91.5	91.6	91.6	91.7	91.8
GE 500	64.8	69.4	74.2	77.5	82.9	84.4	87.1	90.6	91.7	92.9	93.3	93.5	93.7	93.7	93.8	93.9
GE 400	64.8	69.4	74.2	77.5	83.0	84.6	87.7	91.6	92.8	94.3	94.8	95.1	95.2	95.2	95.3	95.5
GE 300	64.8	69.4	74.5	78.0	83.5	85.2	88.5	93.0	94.4	95.9	96.5	96.7	96.9	96.9	97.1	97.7
GE 200	64.8	69.4	74.5	78.0	83.5	85.2	88.5	93.0	94.4	95.9	96.5	96.7	97.0	97.1	98.0	98.6
GE 100	64.8	69.4	74.5	78.0	83.5	85.2	88.5	93.0	94.4	95.9	96.5	96.7	97.0	97.1	98.3	99.4
GE 000	64.8	69.4	74.5	78.0	83.5	85.2	88.5	93.0	94.4	95.9	96.5	96.7	97.0	97.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395 STATION NAME: WURTSMITH AFB/OSCODA MI PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 5 MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.1	20.9	21.2	21.2	21.5	21.7	21.8	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 20000	23.8	24.7	25.1	25.1	25.4	25.6	25.7	25.8	25.9	25.9	25.9	26.0	26.0	26.0	26.0	26.0
GE 18000	23.9	24.8	25.2	25.2	25.5	25.7	25.8	25.9	26.0	26.0	26.0	26.1	26.1	26.1	26.1	26.1
GE 16000	23.9	24.8	25.2	25.2	25.5	25.7	25.8	25.9	26.0	26.0	26.0	26.1	26.1	26.1	26.1	26.1
GE 14000	24.6	25.6	25.9	25.9	26.2	26.5	26.6	26.7	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9
GE 12000	25.7	26.7	27.0	27.0	27.3	27.5	27.6	27.7	27.8	27.8	27.8	28.0	28.0	28.0	28.0	28.0
GE 10000	27.3	28.6	28.9	28.9	29.2	29.5	29.6	29.8	29.9	29.9	29.9	30.2	30.2	30.2	30.2	30.2
GE 9000	28.3	29.6	29.9	29.9	30.3	30.5	30.6	30.9	31.0	31.0	31.0	31.3	31.3	31.3	31.3	31.3
GE 8000	30.4	31.8	32.4	32.4	32.9	33.1	33.2	33.4	33.5	33.5	33.5	33.9	33.9	33.9	33.9	33.9
GE 7000	31.9	33.3	34.1	34.2	34.7	34.9	35.1	35.3	35.4	35.4	35.4	35.7	35.7	35.7	35.7	35.7
GE 6000	32.5	33.9	34.6	34.7	35.6	35.8	35.9	36.1	36.2	36.2	36.2	36.6	36.6	36.6	36.6	36.6
GE 5000	34.9	36.6	37.4	37.7	38.7	38.9	39.1	39.4	39.5	39.5	39.5	39.8	39.8	39.8	39.8	39.8
GE 4500	37.0	38.6	39.5	40.1	41.2	41.4	41.6	41.8	41.9	41.9	41.9	42.3	42.3	42.3	42.3	42.3
GE 4000	41.6	43.3	44.4	45.2	45.5	46.7	47.1	47.4	47.5	47.5	47.5	47.8	47.8	47.8	47.8	47.8
GE 3500	44.5	46.2	47.3	48.3	49.8	50.0	50.4	51.0	51.1	51.2	51.2	51.5	51.5	51.5	51.5	51.5
GE 3000	49.0	51.1	52.7	54.1	56.3	56.8	57.5	58.7	58.8	59.2	59.4	59.7	59.7	59.7	59.7	59.7
GE 2500	53.2	56.5	58.6	60.3	63.1	63.7	64.6	65.9	66.1	66.7	66.8	67.1	67.1	67.1	67.1	67.1
GE 2000	57.0	60.8	63.5	65.5	69.1	70.2	71.3	73.0	73.3	74.1	74.3	74.6	74.6	74.6	74.6	74.6
GE 1800	57.4	61.6	64.6	66.6	70.2	71.3	72.4	74.1	74.4	75.3	75.5	75.8	75.8	75.8	75.8	75.8
GE 1500	58.5	63.1	66.7	68.9	73.0	74.2	75.6	77.6	78.2	79.0	79.2	79.6	79.7	79.7	79.7	79.7
GE 1200	59.4	64.6	68.7	71.1	75.6	76.8	78.3	80.5	81.2	82.4	82.7	83.0	83.1	83.1	83.1	83.1
GE 1000	59.8	65.2	69.4	72.5	77.3	78.5	80.4	83.0	83.8	85.1	85.4	85.7	85.9	85.9	85.9	85.9
GE 900	59.8	65.4	69.7	72.8	78.1	79.2	81.4	84.1	85.1	86.5	86.8	87.2	87.5	87.5	87.5	87.5
GE 800	59.8	65.5	69.9	73.0	78.3	79.8	82.0	84.9	86.1	87.7	88.5	89.0	89.4	89.4	89.4	89.5
GE 700	59.9	65.6	70.2	73.4	78.7	80.3	82.6	85.6	86.9	88.6	89.4	89.9	90.2	90.2	90.2	90.3
GE 600	59.9	65.8	70.4	74.0	79.4	81.0	83.3	86.7	88.2	89.9	91.0	91.5	91.8	91.8	91.8	91.9
GE 500	60.2	66.1	71.0	74.6	80.0	81.6	84.1	88.1	89.9	91.9	93.1	93.7	94.1	94.1	94.1	94.2
GE 400	60.3	66.2	71.3	74.9	80.4	82.3	85.1	89.5	91.6	93.9	95.3	95.8	96.3	96.3	96.3	96.8
GE 300	60.3	66.2	71.3	74.9	80.5	82.4	85.2	90.1	92.3	94.6	96.2	96.8	98.0	98.1	98.2	98.9
GE 200	60.3	66.2	71.3	74.9	80.5	82.4	85.2	90.1	92.3	94.6	96.2	96.9	98.1	98.2	98.3	99.5
GE 100	60.3	66.2	71.3	74.9	80.5	82.4	85.2	90.1	92.3	94.6	96.2	96.9	98.1	98.2	98.3	100.0
GE 000	60.3	66.2	71.3	74.9	80.5	82.4	85.2	90.1	92.3	94.6	96.2	96.9	98.1	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.3	23.8	24.0	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 20000	26.5	26.9	27.1	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 18000	26.7	27.1	27.3	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 16000	26.9	27.3	27.5	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 14000	27.5	28.1	28.3	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 12000	28.5	29.0	29.4	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 10000	30.5	31.4	31.8	32.5	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 9000	31.8	32.7	33.1	33.8	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 8000	33.4	34.6	35.2	35.9	36.1	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 7000	34.6	36.0	36.7	37.4	37.6	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 6000	35.1	36.5	37.3	38.2	38.6	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 5000	37.7	39.7	40.9	41.8	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 4500	38.7	40.6	42.0	43.1	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 4000	42.5	44.8	46.3	47.5	48.1	48.3	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 3500	46.5	48.9	50.9	52.2	52.8	53.1	53.2	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 3000	53.3	56.3	58.4	59.8	60.6	61.3	61.6	62.0	62.3	62.4	62.8	62.8	62.8	62.8	62.8	62.8
GE 2500	57.3	60.6	62.9	64.8	66.0	66.7	67.2	67.7	68.0	68.1	68.5	68.5	68.5	68.5	68.5	68.5
GE 2000	60.5	64.7	67.1	69.5	71.0	71.6	72.5	73.3	73.8	74.2	74.8	74.8	74.8	74.8	74.8	74.8
GE 1800	61.7	66.2	68.7	71.1	72.6	73.2	74.1	75.1	75.5	75.9	76.6	76.6	76.7	76.7	76.7	76.7
GE 1500	63.2	68.2	71.2	73.9	75.9	76.7	77.5	78.8	79.2	79.8	80.4	80.4	80.5	80.5	80.5	80.5
GE 1200	64.2	69.5	73.0	75.9	78.6	79.4	80.4	82.3	82.7	83.3	84.0	84.0	84.1	84.1	84.1	84.1
GE 1000	64.9	70.2	74.1	77.2	80.2	81.1	82.4	84.4	84.9	85.8	86.9	86.9	87.0	87.0	87.0	87.0
GE 900	65.1	70.5	74.6	77.8	81.2	82.0	83.4	85.6	86.3	87.3	88.4	88.4	88.5	88.5	88.5	88.5
GE 800	65.3	70.9	75.2	78.5	81.8	83.1	84.7	87.3	88.1	89.4	90.4	90.4	90.6	90.6	90.6	90.8
GE 700	65.3	70.9	75.2	78.5	82.0	83.4	85.6	88.2	89.0	90.3	91.4	91.4	91.6	91.6	91.6	91.7
GE 600	65.3	71.0	75.4	78.8	82.5	83.9	86.1	88.9	89.9	91.3	92.6	92.6	92.8	92.8	92.8	92.9
GE 500	65.3	71.0	75.6	79.4	83.2	84.6	87.3	90.5	91.5	93.0	94.3	94.3	94.6	94.6	94.6	94.8
GE 400	65.3	71.0	75.6	79.4	83.2	84.7	88.4	92.2	93.1	95.2	96.5	96.6	97.1	97.1	97.2	97.5
GE 300	65.3	71.0	75.6	79.4	83.2	84.7	88.6	92.9	93.9	96.0	97.8	98.0	98.6	98.7	99.0	99.5
GE 200	65.3	71.0	75.6	79.4	83.2	84.7	88.6	93.0	94.1	96.2	98.1	98.2	98.8	99.0	99.4	100.0
GE 100	65.3	71.0	75.6	79.4	83.2	84.7	88.6	93.0	94.1	96.2	98.1	98.2	98.8	99.0	99.4	100.0
GE 000	65.3	71.0	75.6	79.4	83.2	84.7	88.6	93.0	94.1	96.2	98.1	98.2	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.6	28.7	29.1	29.2	29.2	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 20000	30.0	31.1	31.6	31.7	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 18000	30.1	31.2	31.7	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 16000	30.1	31.2	31.7	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 14000	30.4	31.5	32.0	32.2	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 12000	31.1	32.2	32.7	32.9	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 10000	32.6	33.9	34.5	34.7	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 9000	32.9	34.2	34.8	35.1	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 8000	35.9	37.6	38.3	38.6	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2
GE 7000	37.5	39.4	40.1	40.4	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1
GE 6000	38.0	40.0	40.9	41.2	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8
GE 5000	39.9	42.5	43.4	43.8	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4
GE 4500	40.5	43.2	44.3	44.7	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5
GE 4000	43.7	46.8	48.2	48.6	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4
GE 3500	47.3	50.6	52.3	52.8	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8
GE 3000	54.5	58.7	60.8	61.6	62.4	63.0	63.0	63.2	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5
GE 2500	59.5	64.0	66.2	67.4	68.2	68.8	69.0	69.5	69.7	69.8	70.0	70.1	70.1	70.1	70.1	70.1
GE 2000	64.2	69.5	72.7	73.9	74.8	75.6	75.9	76.8	77.0	77.1	77.6	77.7	77.7	77.7	77.7	77.7
GE 1800	65.3	70.6	74.0	75.3	76.5	77.2	77.5	78.4	78.6	78.7	79.2	79.4	79.4	79.4	79.4	79.4
GE 1500	67.6	73.5	77.6	79.7	81.5	82.7	83.0	84.0	84.4	84.5	85.2	85.3	85.3	85.3	85.3	85.3
GE 1200	68.3	74.4	78.8	81.1	83.0	84.5	84.8	85.8	86.2	86.3	87.0	87.1	87.1	87.1	87.1	87.1
GE 1000	68.3	74.5	79.1	81.4	83.4	85.2	85.6	86.6	87.0	87.4	88.5	88.6	88.7	88.7	88.7	88.7
GE 900	68.6	75.2	80.1	82.4	84.5	86.5	87.1	88.1	88.5	89.0	90.1	90.2	90.3	90.3	90.3	90.3
GE 800	68.7	75.5	80.6	83.0	85.8	87.8	88.9	90.1	90.8	91.3	92.4	92.5	92.6	92.6	92.6	92.6
GE 700	68.8	75.6	80.8	83.1	86.1	88.4	89.5	91.0	91.6	92.3	93.3	93.4	93.7	93.7	93.7	93.7
GE 600	68.8	75.6	80.8	83.1	86.2	88.6	89.8	91.4	92.0	92.7	93.8	93.9	94.1	94.1	94.1	94.2
GE 500	68.8	75.6	80.8	83.1	86.5	88.9	90.2	92.0	93.0	93.8	94.9	95.1	95.3	95.3	95.3	95.5
GE 400	68.8	75.6	80.8	83.1	86.5	89.0	90.4	92.6	93.8	94.9	96.8	97.0	97.2	97.2	97.3	97.7
GE 300	68.8	75.6	80.8	83.1	86.5	89.1	90.6	93.2	94.6	96.0	97.8	98.1	98.3	98.3	98.5	99.1
GE 200	68.8	75.6	80.8	83.1	86.5	89.1	90.6	93.2	94.7	96.2	98.2	98.5	98.8	98.9	99.1	100.0
GE 100	68.8	75.6	80.8	83.1	86.5	89.1	90.6	93.2	94.7	96.2	98.2	98.5	98.8	98.9	99.1	100.0
GE 000	68.8	75.6	80.8	83.1	86.5	89.1	90.6	93.2	94.7	96.2	98.2	98.5	98.8	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.9	31.3	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 20000	32.7	33.1	33.8	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 18000	32.7	33.2	33.9	34.0	34.0	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 16000	32.7	33.2	33.9	34.0	34.0	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 14000	32.9	33.4	34.1	34.2	34.2	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 12000	33.3	33.9	34.5	34.6	34.7	34.7	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 10000	34.4	34.9	35.7	35.8	36.0	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 9000	35.2	35.7	36.5	36.6	36.9	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 8000	36.5	37.2	38.1	38.4	38.7	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 7000	38.7	39.6	40.4	40.8	41.1	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 6000	39.1	40.0	40.9	41.2	41.5	41.6	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 5000	41.3	42.4	43.2	44.0	44.3	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 4500	42.4	43.5	44.5	45.3	45.6	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 4000	46.7	48.2	49.8	50.8	51.1	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 3500	50.4	52.4	54.1	55.2	55.5	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 3000	55.3	57.7	59.9	61.2	61.6	61.8	62.3	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 2500	61.3	64.6	67.4	69.2	70.2	70.8	71.2	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 2000	65.4	69.0	72.4	74.4	75.9	76.8	77.7	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 1800	67.0	70.9	74.2	76.2	78.0	78.8	79.9	80.3	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1500	69.9	74.1	78.0	80.1	82.3	83.4	84.8	85.4	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	70.5	74.7	78.8	81.0	83.4	84.6	86.2	87.1	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	70.8	75.2	79.8	82.0	84.6	85.9	87.6	89.0	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	70.8	75.5	80.2	82.5	85.3	86.6	88.4	90.3	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 800	70.8	75.5	80.4	82.7	85.7	87.1	89.1	91.1	91.8	92.7	92.9	93.0	93.0	93.0	93.0	93.0
GE 700	70.9	75.6	80.8	83.0	86.0	87.4	89.5	91.5	92.3	93.1	93.3	93.4	93.4	93.4	93.4	93.7
GE 600	70.9	75.6	80.8	83.0	86.0	87.6	89.7	91.9	92.7	93.5	93.9	94.0	94.1	94.1	94.1	94.3
GE 500	70.9	75.6	80.8	83.0	86.1	87.7	90.0	92.3	93.2	94.2	94.5	94.6	94.9	94.9	94.9	95.2
GE 400	70.9	75.6	80.8	83.0	86.1	87.7	90.3	93.1	94.2	95.3	95.7	95.8	96.1	96.1	96.1	96.3
GE 300	70.9	75.6	80.8	83.0	86.1	87.8	90.5	94.0	95.5	96.8	97.3	97.6	98.1	98.2	98.6	98.9
GE 200	70.9	75.6	80.8	83.0	86.1	87.8	90.5	94.0	95.5	97.3	98.0	98.3	98.7	98.8	99.2	99.8
GE 100	70.9	75.6	80.8	83.0	86.1	87.8	90.5	94.0	95.6	97.4	98.1	98.4	98.8	98.9	99.4	100.0
GE 000	70.9	75.6	80.8	83.0	86.1	87.8	90.5	94.0	95.6	97.4	98.1	98.4	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.0	31.0	31.4	31.6	31.9	31.9	32.0	32.0	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 20000	31.4	32.4	32.8	33.1	33.5	33.5	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 18000	31.4	32.4	32.8	33.1	33.5	33.5	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 16000	31.4	32.4	32.8	33.1	33.5	33.5	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 14000	31.9	32.9	33.3	33.7	34.1	34.1	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 12000	32.7	33.7	34.1	34.4	34.8	34.8	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 10000	33.4	34.4	35.1	35.4	35.8	35.8	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 9000	33.9	34.8	35.5	35.8	36.2	36.2	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 8000	34.8	36.2	36.9	37.2	37.7	37.7	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 7000	35.7	37.1	37.8	38.2	38.8	38.8	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 6000	36.2	37.6	38.4	38.7	39.4	39.6	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 5000	37.3	38.8	39.6	39.9	40.6	41.0	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 4500	38.7	40.2	41.2	41.6	42.4	42.7	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 4000	45.9	48.1	49.6	50.3	51.5	51.8	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 3500	50.3	52.5	54.1	55.2	56.3	56.7	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 3000	55.5	57.8	59.9	61.4	62.7	63.1	63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 2500	60.4	63.3	65.7	67.8	69.1	69.7	70.2	70.2	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5
GE 2000	66.3	70.5	73.3	75.9	77.7	78.5	79.2	79.5	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3
GE 1800	67.3	71.7	74.7	77.3	79.1	79.9	80.8	81.0	81.2	81.5	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500	69.2	74.1	77.6	80.6	82.7	83.8	85.1	85.6	85.8	86.1	86.5	86.5	86.5	86.5	86.5	86.5
GE 1200	70.2	75.1	78.6	81.7	83.9	85.2	86.7	87.8	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	70.5	75.5	79.0	82.3	84.7	86.1	87.8	89.5	90.1	90.5	91.0	91.0	91.0	91.0	91.1	91.1
GE 900	70.5	75.6	79.1	82.4	84.8	86.2	88.0	89.6	90.3	90.9	91.3	91.5	91.5	91.5	91.6	91.6
GE 800	70.5	75.6	79.1	82.4	85.1	86.6	88.4	90.1	91.0	91.5	92.2	92.5	92.9	92.9	93.0	93.0
GE 700	70.6	75.7	79.2	82.5	85.2	86.7	88.5	90.5	91.4	91.9	92.6	92.9	93.3	93.3	93.5	93.5
GE 600	70.6	75.7	79.4	82.6	85.3	86.8	88.7	91.0	91.8	92.5	93.1	93.4	93.9	93.9	94.1	94.1
GE 500	70.6	75.7	79.4	82.9	85.7	87.2	89.5	92.3	93.1	94.0	94.9	95.3	95.7	95.7	95.9	95.9
GE 400	70.6	75.7	79.4	82.9	85.8	87.3	89.6	92.6	93.8	94.8	95.9	96.2	96.7	96.7	96.9	96.9
GE 300	70.6	75.7	79.4	82.9	85.9	87.4	89.9	93.9	95.7	97.0	98.3	98.6	99.0	99.0	99.2	99.5
GE 200	70.6	75.7	79.4	82.9	85.9	87.4	89.9	93.9	95.7	97.0	98.4	98.7	99.1	99.1	99.4	99.6
GE 100	70.6	75.7	79.4	82.9	85.9	87.5	90.1	94.1	96.0	97.3	98.7	99.0	99.5	99.5	99.7	100.0
GE 000	70.6	75.7	79.4	82.9	85.9	87.5	90.1	94.1	96.0	97.3	98.7	99.0	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.0	27.6	28.1	28.3	28.4	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 20000	28.9	29.7	30.1	30.4	30.6	30.7	30.9	30.9	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0
GE 18000	29.0	29.7	30.2	30.5	30.7	30.8	31.0	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1
GE 16000	29.0	29.8	30.2	30.5	30.7	30.9	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 14000	29.4	30.2	30.6	30.9	31.1	31.3	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 12000	30.0	30.8	31.3	31.5	31.8	31.9	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 10000	31.3	32.2	32.8	33.1	33.4	33.5	33.7	33.8	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9
GE 9000	32.2	33.1	33.6	33.9	34.3	34.4	34.6	34.7	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8
GE 8000	33.8	34.9	35.6	35.9	36.3	36.5	36.7	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9
GE 7000	35.1	36.4	37.2	37.6	38.0	38.2	38.3	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6
GE 6000	35.8	37.1	37.9	38.3	38.8	39.0	39.2	39.3	39.3	39.3	39.4	39.5	39.5	39.5	39.5	39.5
GE 5000	37.8	39.4	40.3	40.8	41.3	41.5	41.7	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0
GE 4500	38.9	40.5	41.6	42.2	42.7	43.0	43.2	43.3	43.3	43.3	43.4	43.5	43.5	43.5	43.5	43.5
GE 4000	44.0	46.1	47.5	48.2	49.0	49.3	49.5	49.7	49.7	49.7	49.8	49.9	49.9	49.9	49.9	49.9
GE 3500	47.2	49.5	51.1	52.1	53.0	53.3	53.6	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0
GE 3000	53.4	56.0	58.0	59.2	60.4	60.8	61.2	61.6	61.7	61.8	61.9	62.0	62.0	62.0	62.0	62.0
GE 2500	58.2	61.3	63.8	65.4	66.9	67.4	67.9	68.3	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8
GE 2000	62.7	66.6	69.5	71.4	73.4	74.2	75.0	75.8	76.0	76.3	76.5	76.6	76.6	76.6	76.6	76.6
GE 1800	63.6	67.8	70.8	72.7	74.8	75.6	76.4	77.3	77.4	77.7	78.0	78.1	78.1	78.1	78.1	78.1
GE 1500	65.6	70.2	73.8	76.2	78.8	79.9	81.0	82.2	82.5	82.9	83.2	83.3	83.3	83.3	83.3	83.4
GE 1200	66.4	71.2	75.1	77.6	80.5	81.7	82.9	84.4	84.8	85.2	85.6	85.6	85.7	85.7	85.7	85.7
GE 1000	67.0	71.9	76.0	78.7	81.9	83.3	84.8	86.6	87.0	87.6	88.0	88.1	88.2	88.2	88.3	88.3
GE 900	67.0	72.2	76.4	79.1	82.4	83.8	85.5	87.5	88.0	88.7	89.1	89.2	89.3	89.4	89.4	89.4
GE 800	67.2	72.5	76.8	79.6	83.2	84.7	86.6	88.8	89.4	90.2	90.8	90.9	91.1	91.1	91.2	91.2
GE 700	67.3	72.7	77.1	79.9	83.5	85.2	87.1	89.6	90.3	91.2	91.8	91.9	92.1	92.2	92.2	92.3
GE 600	67.4	72.7	77.2	80.0	83.8	85.5	87.6	90.2	91.0	91.9	92.6	92.7	93.0	93.0	93.1	93.1
GE 500	67.4	72.8	77.2	80.2	84.1	85.8	88.2	91.3	92.2	93.4	94.2	94.4	94.7	94.7	94.8	94.9
GE 400	67.4	72.8	77.3	80.3	84.3	86.1	88.8	92.3	93.4	94.9	95.8	96.0	96.4	96.4	96.5	96.7
GE 300	67.4	72.8	77.3	80.4	84.4	86.2	89.1	93.3	94.7	96.3	97.4	97.6	98.1	98.1	98.4	98.8
GE 200	67.4	72.8	77.3	80.4	84.4	86.2	89.1	93.3	94.8	96.5	97.7	97.9	98.5	98.6	99.0	99.6
GE 100	67.4	72.8	77.3	80.4	84.4	86.2	89.2	93.4	94.8	96.6	97.8	98.0	98.6	98.7	99.1	99.9
GE 000	67.4	72.8	77.3	80.4	84.4	86.2	89.2	93.4	94.8	96.6	97.8	98.0	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.7	42.7	44.1	44.9	45.5	45.7	45.9	46.0	46.1	46.1	46.2	46.2	46.2	46.3	46.3	46.4
GE 20000	44.5	46.9	48.5	49.5	50.2	50.3	50.6	50.7	50.8	50.9	50.9	50.9	51.0	51.0	51.0	51.1
GE 18000	44.7	47.1	48.7	49.7	50.4	50.6	50.8	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.3	51.4
GE 16000	44.8	47.2	48.8	49.7	50.5	50.6	50.9	51.0	51.1	51.2	51.2	51.2	51.3	51.3	51.4	51.4
GE 14000	45.2	47.6	49.3	50.2	51.0	51.1	51.4	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.9	51.9
GE 12000	46.3	48.8	50.5	51.5	52.3	52.5	52.7	52.9	53.0	53.0	53.1	53.1	53.2	53.2	53.2	53.3
GE 10000	48.6	51.3	53.2	54.3	55.1	55.3	55.6	55.8	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.2
GE 9000	49.4	52.2	54.2	55.3	56.2	56.4	56.6	56.9	56.9	57.0	57.0	57.1	57.1	57.1	57.2	57.3
GE 8000	52.1	55.2	57.4	58.7	59.7	59.9	60.2	60.4	60.5	60.6	60.6	60.7	60.7	60.8	60.8	60.9
GE 7000	53.5	56.8	59.1	60.4	61.4	61.7	62.0	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.7	62.7
GE 6000	54.2	57.5	59.9	61.3	62.4	62.6	63.0	63.3	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.7
GE 5000	55.7	59.1	61.7	63.1	64.3	64.6	64.9	65.2	65.3	65.4	65.5	65.5	65.5	65.6	65.6	65.7
GE 4500	56.7	60.3	62.9	64.4	65.6	65.9	66.3	66.6	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.1
GE 4000	59.8	63.7	66.6	68.3	69.7	70.0	70.5	70.9	71.0	71.1	71.1	71.2	71.3	71.3	71.3	71.4
GE 3500	61.9	65.9	69.0	70.8	72.3	72.7	73.2	73.6	73.7	73.8	73.9	73.9	74.0	74.0	74.0	74.1
GE 3000	65.2	69.5	72.8	74.8	76.6	77.0	77.5	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.6	78.6
GE 2500	67.8	72.3	75.9	78.1	80.1	80.5	81.2	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3	82.4
GE 2000	69.8	74.7	78.5	80.9	83.1	83.6	84.5	85.2	85.3	85.5	85.6	85.7	85.8	85.8	85.8	85.9
GE 1800	70.3	75.2	79.2	81.6	83.8	84.3	85.2	85.9	86.1	86.3	86.4	86.4	86.5	86.6	86.6	86.7
GE 1500	71.5	76.5	80.8	83.4	85.9	86.5	87.5	88.4	88.6	88.8	89.0	89.0	89.1	89.1	89.2	89.3
GE 1200	72.1	77.3	81.7	84.4	87.1	87.8	88.9	89.8	90.1	90.3	90.5	90.5	90.7	90.7	90.7	90.8
GE 1000	72.4	77.8	82.3	85.2	88.1	88.8	90.0	91.1	91.3	91.7	91.9	91.9	92.1	92.1	92.1	92.2
GE 900	72.6	78.0	82.6	85.5	88.5	89.3	90.5	91.7	92.0	92.4	92.6	92.7	92.8	92.9	92.9	93.0
GE 800	72.7	78.1	82.8	85.9	89.0	89.8	91.1	92.5	92.8	93.2	93.5	93.6	93.7	93.8	93.8	93.9
GE 700	72.8	78.3	83.0	86.2	89.4	90.3	91.7	93.1	93.4	93.9	94.2	94.3	94.5	94.5	94.6	94.7
GE 600	72.8	78.3	83.2	86.4	89.7	90.6	92.1	93.7	94.1	94.7	95.0	95.1	95.3	95.4	95.4	95.6
GE 500	72.9	78.4	83.3	86.6	90.1	91.0	92.7	94.5	94.9	95.6	96.0	96.1	96.4	96.4	96.5	96.6
GE 400	72.9	78.5	83.3	86.7	90.3	91.3	93.1	95.2	95.8	96.5	97.1	97.2	97.5	97.5	97.6	97.8
GE 300	72.9	78.5	83.4	86.7	90.4	91.4	93.3	95.6	96.3	97.2	97.9	98.0	98.4	98.5	98.6	98.8
GE 200	72.9	78.5	83.4	86.7	90.4	91.5	93.4	95.7	96.5	97.5	98.2	98.4	98.9	99.0	99.3	99.5
GE 100	72.9	78.5	83.4	86.7	90.4	91.5	93.4	95.7	96.5	97.5	98.3	98.5	99.0	99.1	99.4	99.9
GE 000	72.9	78.5	83.4	86.7	90.4	91.5	93.4	95.7	96.5	97.5	98.3	98.5	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 87643

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	17.3	12.5	18.4	46.8	5.1	70.2	6.0	930
03-05	15.4	13.5	17.6	49.8	3.7	71.1	5.8	930
06-08	10.0	18.8	19.7	48.7	2.8	71.2	6.5	930
09-11	1.7	26.3	24.5	42.9	4.5	71.9	5.9	930
12-14	1.0	26.6	28.5	41.3	2.7	72.5	6.2	930
15-17	1.8	25.3	30.1	40.5	2.3	72.9	6.8	930
18-20	7.4	23.3	20.9	44.3	4.1	69.2	4.9	930
21-23	13.4	15.3	16.9	49.6	4.8	71.3	5.9	930
ALL HOURS	8.5	20.2	22.1	45.5	3.7	71.3	6.0	7440

MONTH: FEB HOURS: ALL

00-02	17.6	17.4	14.5	44.8	5.7	65.0	6.7	846
03-05	18.1	14.9	16.4	45.3	5.3	67.0	8.4	846
06-08	8.7	19.4	22.8	44.7	4.4	71.9	10.5	846
09-11	2.6	24.7	24.0	43.0	5.7	72.7	11.7	846
12-14	1.7	22.3	30.9	40.4	4.7	76.0	8.3	846
15-17	2.8	23.6	27.7	42.6	3.3	73.5	7.4	846
18-20	7.3	24.1	23.0	42.7	2.8	68.6	7.8	846
21-23	18.0	17.3	15.2	45.5	4.0	64.8	8.0	846
ALL HOURS	9.6	20.5	21.8	43.6	4.5	69.9	8.6	6768

D - 3 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	28.3	16.0	14.2	38.6	2.9	55.7	5.3	930
03-05	24.6	18.1	14.7	38.8	3.8	57.3	6.1	930
06-08	10.1	27.3	19.5	38.8	4.3	62.6	6.7	930
09-11	4.9	28.9	24.7	37.5	3.9	66.1	5.7	930
12-14	4.9	29.9	26.0	36.5	2.7	65.2	4.1	930
15-17	3.8	31.1	25.9	36.5	2.8	65.2	3.8	930
18-20	6.0	33.8	22.4	34.4	3.4	60.2	3.1	930
21-23	21.8	23.1	14.6	37.1	3.3	55.1	4.4	930
ALL HOURS	13.1	26.0	20.3	37.3	3.4	60.9	4.9	7440

MONTH: APR HOURS: ALL

00-02	26.9	17.6	14.9	38.6	2.1	55.6	3.1	900
03-05	21.6	21.9	16.4	37.1	3.0	56.6	2.8	900
06-08	6.4	32.0	26.0	33.0	2.6	61.6	3.8	900
09-11	6.2	31.2	25.8	35.1	1.7	62.6	2.8	900
12-14	4.9	27.8	29.7	36.4	1.2	67.3	1.8	900
15-17	4.7	24.0	30.7	39.7	1.3	71.3	1.9	900
18-20	4.7	30.8	26.4	36.1	2.0	64.6	1.3	900
21-23	18.9	24.8	18.2	35.3	2.8	56.3	1.4	900
ALL HOURS	11.8	26.3	23.5	36.4	2.1	62.0	2.4	7200

D - 3 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	26.7	22.4	15.1	34.1	1.8	51.0	3.7	930
03-05	18.6	28.7	19.9	30.2	2.6	52.7	3.7	930
06-08	7.1	29.1	30.8	30.6	2.4	63.8	3.3	930
09-11	5.8	33.4	28.7	31.7	.3	60.8	2.4	930
12-14	4.0	32.6	32.9	30.4	.1	63.4	1.9	930
15-17	4.8	31.7	33.2	30.0	.2	63.4	1.5	930
18-20	6.5	32.2	30.6	30.3	.4	61.4	1.5	930
21-23	16.0	30.8	19.5	32.0	1.7	53.2	1.8	930
ALL HOURS	11.2	30.1	26.3	31.2	1.2	58.7	2.5	7440

MONTH: JUN HOURS: ALL

00-02	27.8	30.0	16.3	24.1	1.8	42.2	2.9	900
03-05	16.8	34.9	25.0	21.3	2.0	48.3	3.7	900
06-08	7.1	38.4	30.1	23.4	.9	54.4	6.3	900
09-11	4.3	39.3	30.2	25.6	.6	56.3	2.6	900
12-14	1.2	36.0	37.1	25.7		62.8	1.9	900
15-17	1.9	38.7	35.2	24.2		59.4	1.1	900
18-20	2.9	44.1	32.4	19.9	.7	53.0	.9	900
21-23	11.7	43.6	22.4	20.9	1.4	44.8	1.4	900
ALL HOURS	9.2	38.1	28.6	23.1	.9	52.7	2.6	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
01-02	27.4	31.2	20.4	19.6	1.4	41.4	5.3	930
03-05	18.1	39.5	23.3	17.4	1.7	42.5	7.2	930
06-08	6.6	43.2	32.0	17.5	.6	50.2	8.8	930
09-11	5.3	43.0	33.3	18.3	.1	51.7	5.1	930
12-14	2.4	42.7	39.6	15.4		54.9	4.4	930
15-17	2.2	42.7	37.7	17.4		55.2	4.5	930
18-20	2.6	46.6	35.1	15.7		50.9	2.5	928
21-23	10.6	44.7	27.7	16.4	.6	44.8	2.2	927
ALL HOURS	9.4	41.7	31.2	17.2	.6	48.9	5.0	7435

MONTH: AUG HOURS: ALL

00-02	26.1	27.6	22.6	22.9	.8	46.2	6.5	930
03-05	21.6	34.5	17.8	24.9	1.1	43.9	8.7	930
06-08	5.9	39.5	29.7	23.5	1.4	54.6	9.5	930
09-11	3.9	38.5	31.0	26.3	.3	57.6	4.8	930
12-14	.9	38.2	35.3	25.6	.1	61.0	2.9	930
15-17	1.2	39.5	36.3	23.0		59.4	3.3	930
18-20	3.9	38.9	34.8	22.4		57.2	2.9	930
21-23	15.1	41.2	20.6	22.7	.4	43.8	5.5	930
ALL HOURS	9.8	37.2	28.5	23.9	.5	53.0	5.5	7440

D - 3 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	26.3	22.8	15.4	33.6	1.9	50.9	6.0	900
03-05	26.9	24.1	14.1	32.6	2.3	49.0	7.0	900
06-08	6.2	36.1	24.6	31.1	2.0	57.7	8.2	900
09-11	6.1	35.1	25.3	33.0	.4	58.8	4.9	900
12-14	2.3	36.2	30.7	30.7	.1	61.4	2.8	900
15-17	3.7	34.1	31.2	30.9	.1	62.2	2.8	900
18-20	4.6	38.8	26.2	30.0	.4	56.7	2.7	900
21-23	22.4	25.6	20.3	31.0	.7	52.0	4.3	900
ALL HOURS	12.3	31.6	23.5	31.6	1.0	56.1	4.8	7200

MONTH: OCT HOURS: ALL

00-02	21.9	20.9	15.8	38.9	2.5	57.2	5.7	930
03-05	23.5	16.6	16.5	40.5	2.9	59.9	5.1	930
06-08	8.5	28.3	25.2	36.1	1.9	63.2	5.6	930
09-11	3.9	27.3	32.7	35.3	.9	68.8	4.9	930
12-14	2.6	25.6	37.6	34.2		71.8	2.4	930
15-17	3.2	24.7	34.2	37.6	.2	72.0	2.4	930
18-20	5.4	30.1	25.7	37.7	1.1	64.5	3.4	930
21-23	17.1	24.1	17.7	39.2	1.8	58.8	4.1	930
ALL HOURS	10.8	24.7	25.7	37.5	1.4	64.5	4.2	7440

D - 3 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	12.0	18.4	16.1	52.4	1.0	69.6	3.6	900
03-05	13.1	18.7	16.1	50.1	2.0	68.2	3.3	900
06-08	5.7	23.0	18.9	49.8	2.7	71.3	4.0	900
09-11	1.1	20.9	27.7	47.8	2.6	78.0	5.8	900
12-14	2.4	19.4	30.0	47.0	1.1	78.1	3.9	900
15-17	2.0	22.9	27.7	46.8	.7	75.1	2.9	900
18-20	5.2	22.2	20.7	51.4	.4	72.6	3.4	900
21-23	9.4	17.6	18.0	54.0	1.0	73.0	3.6	900
ALL HOURS	6.4	20.4	21.9	49.9	1.4	73.2	3.8	7200

MONTH: DEC HOURS: ALL

00-02	11.8	16.6	15.8	52.2	3.7	71.6	5.6	930
03-05	11.1	13.2	15.4	55.8	4.5	75.7	5.1	930
06-08	6.7	14.4	17.8	56.7	4.4	78.9	5.7	930
09-11	1.4	16.5	29.6	48.5	4.1	82.2	6.7	930
12-14	1.0	19.1	29.0	48.5	2.4	79.9	6.1	930
15-17	.9	23.1	24.6	48.7	2.7	76.0	4.7	930
18-20	6.1	21.5	16.8	52.5	3.1	72.4	4.8	930
21-23	12.9	16.2	15.2	52.8	2.9	70.9	5.6	930
ALL HOURS	6.5	17.6	20.5	51.9	3.5	75.9	5.5	7440

D - 3 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	22.5	21.1	16.7	37.1	2.5	56.3	5.0	10956
03-05	19.1	23.3	17.8	36.9	2.9	57.6	5.6	10956
06-08	7.4	29.2	24.8	36.1	2.5	63.4	6.6	10956
09-11	3.9	30.5	28.2	35.4	2.1	65.6	5.2	10956
12-14	2.4	29.8	32.3	34.3	1.2	67.8	3.9	10956
15-17	2.7	30.2	31.2	34.8	1.1	67.1	3.6	10956
18-20	5.2	32.2	26.3	34.7	1.5	62.6	3.3	10954
21-23	15.6	27.1	18.9	36.3	2.1	57.3	4.0	10953
ALL HOURS	9.9	27.9	24.5	35.7	2.0	62.2	4.6	87643

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

E - 1 - 3

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 100						.1	.2						.0
GE 95					.1	1.2	1.7	1.1	.2				.4
GE 90				.1	1.5	5.9	8.7	5.4	1.7				2.0
GE 85				.5	4.6	15.5	24.4	16.7	4.0	.2			5.6
GE 80				2.3	10.9	27.9	46.4	37.6	12.8	.7			11.7
GE 75			.1	4.4	20.2	44.2	69.7	59.4	25.5	4.6			19.3
GE 70			1.0	8.8	29.6	62.6	89.9	81.6	44.2	11.5	.4		27.8
GE 65			2.2	14.7	42.7	80.8	97.5	95.9	64.9	22.6	2.0		35.6
GE 60	.1	.1	4.0	22.5	58.1	93.1	99.9	99.4	83.6	38.3	5.3	.2	42.4
GE 55	.1	.2	6.4	32.7	74.9	97.9	100.0	100.0	95.8	58.2	13.0	1.8	48.8
GE 50	.4	.5	11.0	49.1	88.0	99.7			99.4	76.2	26.5	3.6	54.9
GE 45	2.3	3.1	19.4	66.7	96.6	99.8			100.0	91.0	43.0	6.8	61.0
GE 40	6.9	10.8	33.9	84.9	99.8	100.0				97.5	64.1	14.2	67.9
GE 35	21.9	27.6	57.9	95.8	100.0					99.9	83.0	35.3	77.0
GE 33	30.0	38.2	68.9	97.8						100.0	89.4	46.4	81.0
GE 30	43.6	51.1	80.6	99.2							95.4	62.5	86.2
GE 25	62.4	70.9	92.4	99.8							99.0	79.7	92.1
GE 20	78.1	86.1	98.2	100.0							99.7	92.0	96.2
GE 15	91.3	93.0	99.5								100.0	97.6	98.5
GE 10	97.5	97.7	100.0									99.8	99.6
GE 5	99.5	99.7										100.0	99.9
GE 0	99.9	100.0											100.0
GE -5	100.0												100.0
MEAN	27.1	29.0	37.3	51.0	63.3	73.5	78.8	76.8	68.6	57.0	43.5	31.6	53.3
SD	9.03	8.93	10.20	11.81	11.70	9.90	7.51	7.65	8.99	9.67	9.30	8.75	20.74
TOTAL OBS	1302	1185	1302	1255	1296	1260	1302	1302	1253	1281	1230	1271	15239

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75							.1	.2					.0
GE 70						.6	2.2	3.0	1.0				.6
GE 65					.2	4.8	16.7	13.9	4.2	.1			3.4
GE 60				.2	2.6	17.3	42.0	38.4	14.0	.7			9.7
GE 55			.1	1.0	8.3	37.8	68.6	61.9	28.6	4.6	.1		17.8
GE 50			.2	2.4	18.0	64.0	88.4	82.8	50.0	13.3	2.0	.1	27.1
GE 45			.8	6.5	37.3	82.1	97.9	95.9	68.9	26.6	4.8	.2	35.4
GE 40	.2	.2	2.5	18.6	59.2	95.0	99.8	99.6	85.9	45.7	13.3	1.2	43.8
GE 35	1.3	1.7	8.3	39.2	81.9	99.2	100.0	99.9	95.9	69.1	28.6	5.7	52.9
GE 30	2.9	3.5	14.5	49.1	88.7	99.7		100.0	98.5	77.9	36.7	9.6	57.1
GE 25	6.9	8.7	25.0	64.7	94.8	100.0			99.8	88.4	53.4	18.4	63.6
GE 20	17.5	19.3	44.5	85.7	99.5				100.0	97.7	76.2	35.5	73.2
GE 15	30.8	31.0	60.8	95.6	100.0					99.5	89.2	51.6	80.1
GE 10	44.5	46.7	74.7	98.9						100.0	94.9	66.2	85.6
GE 5	59.6	62.2	86.4	99.6							98.3	76.9	90.3
GE 0	72.8	76.5	93.2	100.0							99.8	87.6	94.2
GE -5	84.1	87.3	97.3								100.0	94.8	97.0
GE -10	92.9	94.7	99.4									98.9	98.8
GE -15	98.0	97.9	100.0									99.7	99.6
GE -20	99.7	99.3										99.9	99.9
GE -25	99.8	99.9										100.0	100.0
GE -30	100.0	100.0											100.0
MFAN	12.3	13.3	21.7	32.6	42.2	51.9	57.7	56.7	49.3	39.3	30.0	18.8	35.6
SD	11.74	11.55	10.53	8.05	8.26	7.59	6.55	7.10	8.80	8.42	8.82	11.12	18.30
TOTAL OBS	1302	1185	1302	1255	1296	1260	1302	1302	1253	1281	1230	1271	15239

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85							.3	.2					.0
GE 80						1.4	4.8	3.2	1.0				.9
GE 75				.1	1.5	8.4	18.3	14.2	4.0				3.9
GE 70				.6	5.5	22.1	44.0	36.3	10.7	.3			10.1
GE 65			.1	1.5	12.4	42.3	71.4	63.1	24.7	2.9			18.5
GE 60			.4	4.9	24.1	62.9	92.5	86.2	48.0	9.4	.3		27.7
GE 55			1.2	9.9	39.7	85.3	99.2	98.0	70.2	24.4	2.7	.2	36.2
GE 50	.1		3.3	19.6	60.6	96.5	100.0	99.8	87.4	42.4	7.2	.6	43.5
GE 45	.2	.2	6.5	34.5	81.6	99.4		100.0	97.4	66.3	18.6	2.2	50.9
GE 40	1.5	1.9	13.0	56.8	94.8	100.0			99.7	85.4	36.4	5.2	58.2
GE 35	5.8	8.4	29.7	80.8	99.7				100.0	97.0	61.3	16.3	66.9
GE 33	9.7	13.5	39.4	88.1	100.0					98.6	70.2	22.9	70.5
GE 30	18.4	22.0	51.6	94.3						99.7	82.1	36.0	75.6
GE 25	36.7	39.5	70.9	98.2						100.0	93.4	57.2	83.2
GE 20	53.0	57.9	85.7	99.7							97.8	72.0	88.9
GE 15	69.7	76.5	94.2	100.0							99.6	86.2	93.9
GE 10	82.9	88.9	98.5								100.0	94.7	97.1
GE 5	93.2	94.9	99.8									99.0	98.9
GE 0	98.2	98.2	100.0									99.8	99.7
GE -5	99.7	99.9										100.0	100.0
GE -10	100.0	100.0											100.0
MEAN	19.9	21.4	29.7	42.0	52.9	62.9	68.5	67.0	59.2	48.4	37.0	25.5	44.7
SD	9.95	9.66	9.67	9.11	9.17	7.96	6.29	6.61	8.16	8.18	8.46	9.48	19.16
TOTAL OBS	1302	1185	1302	1255	1296	1260	1302	1302	1253	1281	1230	1271	15239

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43								92	89	81	60	47	92*
44	60	42	55	72	92	97	95	97	83	77	70	40	97
45	36	41	78	81	79	93	91	89	91*	76*			93*
51	41	46	55	79	86	87	91	85	83	78	55	55	91
52	46	44	60	77	77	96	93	90	90	76	64	55	96
53	49	48	57	72	87	95	89	95	99	79	67	58	99
54	41	54	63	77	81	88	92	92	89	74	62	37	92
55	38	41	65	78	90	88	93	96	90	80	53	40	96
56	34	39	45	63	87	96	82	87	80	79	62	47	96
57	48	48	60	83	83	89	91	89	85	69	57	55	91
58	39	47	48	82	87	87	87	93	84	76	65	37	93
59	36	38	52	73	86	93	89	91	90	73	54	46	93
60	37	37	52	80	77	84	85	85	91	79	59	49	91
61	46	49	60	64	84	91	88	86	91	76	66	55	91
62	38	42	65	88	92	88	92	88	83	76	53	59	92
63	40	38	70	81	79	91	95	87	81	86	62	44	95
64	48	50	61	84	91	98	93	85	84	73	70	45	98
65	43	47	39	71	85	89	89	98	84	79	70	62	98
66	41	48	64	71	84	95	98	88	87	76	56	54	98
67	48	41	69	70	76	90	90	85	82	86	56	55	90
68	40	40	65	80	80	90	93	93	84	78	71	44	93
69	41	36	51	74	95	88	92	92	84	76	57	41	95
70	40	44	47	80	90	90	92	91	90	79	58	59	92
71	40	45	49	67	85	99	90	86	89	84	64	55	99
72	41	41	46	77	86	87	96	90	82	71	52	45	96
73	53	44	61	77	79	93	96	98	95	77	59	57	98
74	46	49	62	80	80	88	95	89	84	68	69	41	95
75	49	45	48	74*	88*	90	93	91	75	85	67	59	93*
76	35	55	66	86	75	94	92	93	92	77	52	39	94
77	31	42	69	83	90	88	101	89	80	69	63	46	101
78	35	31	49	58	90	88	90	90	90	76	74	39	90
79	32	42	60	70	89	91	91	88	85	84	58	54	91
80	44	38	54	74	90	93	93	92	85	73	61	44	93

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	39	47	63	71	82	90	91	85	83	62	63	46	91
82	39	45	52	75	86	82	87	83	84	73	60	64	87
83	42	51	57	80	75	100	101	99	94	77	60	38	101
84	38	61	44	75	85	90	91	93	82	69	61	59	93
85	35	43	54	85	88	89	95	91	88	69	60	45	95
86	45	35	72	80	93	88	97	84	82	73	66	39	97
87	40	40	73	81	91	99	95	92	81	67	69	52	99
88	47	44	69	69	90	95	99	97	80	77	57	53	99
89	52	37	72	66	82	87	94	96	85	76	59	38	96
90	46	49	74	91	84	92	99						99*

GREATEST	60	61	78	91	95	100	101	99	99	86	74	64	101
TOTAL OBS	1302	1185	1302	1255	1296	1260	1302	1302	1253	1281	1230	1271	15239

THE GREATEST VALUE OF 101 OCCURRED ON 07/20/77

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43								45	32	27	13	0	0*
44	9	-6	0	8	31	41	44	43	34	24	18	-4	-6
45	-11	-5	11	22	27	34	41	44	37*	27*			-11*
51	-22	-15	1	26	29	37	48	40	30	25	5	-7	-22
52	-10	2	0	17	32	38	44	44	35	23	9	6	-10
53	0	2	1	22	30	42	47	44	35	30	16	6	0
54	-7	-6	3	6	28	41	44	42	37	25	25	-2	-7
55	-2	-3	-1	26	27	42	48	45	34	27	4	-3	-3
56	0	-5	1	16	26	38	45	43	31	26	6	0	-5
57	-12	3	4	18	28	36	35	44	30	24	16	2	-12
58	-7	-11	16	19	27	39	46	43	39	25	5	-9	-11
59	-10	-20	0	20	27	42	49	48	33	25	8	9	-20
60	0	-3	-9	19	31	40	48	45	35	27	20	-7	-9
61	-9	-1	4	20	27	35	43	43	29	29	16	-2	-9
62	-19	-12	-10	19	28	35	46	40	34	27	18	-15	-19
63	-16	-17	-1	16	25	40	42	44	30	28	14	-11	-17
64	-9	-5	7	10	31	30	48	45	30	19	5	-2	-9
65	-12	-8	-5	8	30	35	40	40	27	16	19	2	-12
66	-12	-2	5	21	22	31	46	45	32	18	13	-2	-12
67	-11	-17	-3	13	21	45	43	43	34	27	6	-6	-17
68	-13	-11	5	20	22	39	39	39	40	22	19	-6	-13
69	-9	-2	-2	21	27	33	43	48	34	20	12	4	-9
70	-11	-16	4	18	28	37	50	49	33	30	20	1	-16
71	-8	-12	7	14	31	38	42	39	35	32	3	4	-12
72	-12	-9	-4	10	29	32	40	41	33	18	14	-5	-12
73	1	-10	15	18	26	44	47	49	33	29	21	-2	-10
74	-7	-13	-8	19	25	40	48	48	30	18	17	7	-13
75	-7	-2	-2	17*	34*	45	47	48	32	30	18	-2	-7*
76	-15	-17	8	20	28	37	48	44	33	24	5	-8	-17
77	-7	-7	10	18	32	37	45	42	41	24	10	-5	-7
78	-4	-7	-5	22	29	40	43	46	37	27	17	6	-7
79	-9	-23	4	15	28	37	49	42	36	28	15	7	-23
80	-1	-3	-6	21	31	36	47	52	35	27	18	-3	-6

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	-10	-11	13	21	27	38	43	41	34	23	15	10	-11
82	-12	-6	-2	15	24	34	46	33	34	26	14	7	-12
83	-1	-1	6	24	32	34	45	46	34	24	14	-1	-1
84	-14	3	-8	22	32	39	45	44	32	28	19	1	-14
85	-7	-13	6	18	32	41	47	47	35	26	16	-16	-16
86	-8	2	-4	24	29	39	36	39	33	26	11	8	-8
87	-3	-3	10	19	27	39	44	43	40	28	11	3	-3
88	-5	-4	5	25	33	40	45	42	40	26	25	-5	-5
89	-3	-8	-5	16	29	38	51	44	30	28	9	-7	-8
90	10	-5	-3	19	29	39	44						-5*

LEAST	-22	-23	-10	6	21	30	35	33	27	16	3	-16	-23
TOTAL OBS	1302	1185	1302	1255	1296	1260	1302	1302	1253	1281	1230	1271	15239

THE LEAST VALUE OF -23 OCCURRED ON 02/18/79

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 3 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43								67	56	46	35	24	46*
44	28	22	25	37	57	64	67	69	59	47	39	22	45
45	15	22	41	45	47	60	65	67	61*	48*			47*
51	19	23	31	42	55	62	67	63	57	49	29	25	44
52	23	25	28	44	51	65	71	66	61	44	38	32	46
53	25	26	32	39	53	65	69	69	60	51	41	30	47
54	19	29	27	43	49	65	67	65	59	49	39	25	45
55	21	23	29	47	56	65	72	72	59	51	34	22	46
56	22	21	25	38	49	64	65	66	54	52	36	28	43
57	15	24	29	44	51	62	67	65	58	46	38	29	44
58	21	18	32	43	51	58	67	67	59	51	38	18	44
59	16	16	26	42	57	66	70	72	63	47	31	30	45
60	23	22	22	43	53	62	66	65	59	48	40	21	44
61	17	25	31	39	50	60	67	66	64	50	37	26	45
62	16	16	30	42	57	61	66	66	56	49	36	22	43
63	12	12	29	43	49	63	69	63	56	55	41	18	43
64	24	24	29	43	57	63	70	63	57	45	39	25	45
65	18	20	24	36	55	61	64	65	59	46	37	31	43
66	16	24	33	39	48	64	70	66	57	48	36	24	44
67	23	16	28	41	46	66	66	64	59	49	33	27	43
68	19	17	33	45	48	62	67	66	61	50	36	23	44
69	21	22	27	42	51	59	68	70	59	47	37	25	44
70	16	20	27	44	53	63	72	69	62	52	38	27	45
71	17	23	27	39	51	66	66	64	62	56	37	28	45
72	19	18	24	36	53	59	68	66	59	44	36	25	42
73	25	21	38	43	51	66	70	72	61	55	39	26	47
74	23	18	30	44	49	63	70	68	56	44	37	29	44
75	24	25	27	37*	62*	65	70	69	57	53	44	25	47*
76	15	25	33	44	50	68	69	68	58	46	33	18	44
77	13	21	35	45	57	61	69	65	61	48	39	26	45
78	18	17	26	39	57	64	68	69	61	48	39	25	44
79	15	13	32	40	52	63	70	64	60	48	38	31	44
80	23	20	28	41	54	60	70	71	60	44	35	22	44

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB MI
LST TO UTC: +05

PERIOD OF RECORD: 4308-4510,5101-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	17	26	33	44	52	64	67	66	57	45	37	27	45
82	15	21	29	39	56	57	67	61	58	49	38	34	44
83	25	26	33	42	51	66	74	71	62	49	38	21	46
84	16	30	25	43	51	64	69	70	58	50	37	29	45
85	18	20	32	46	57	61	69	68	61	46	36	20	45
86	20	22	33	46	56	61	70	64	59	47	34	29	45
87	24	25	36	46	57	66	72	69	61	45	40	33	48
88	21	19	31	43	57	64	71	70	60	45	39	26	46
89	28	18	28	41	54	62	71	67	59	49	33	16	44
90	30	25	33	46	52	64	67						46*
MEAN	19.9	21.4	29.7	42.0	52.9	62.9	68.5	67.0	59.2	48.4	37.0	25.5	44.7
TOTAL OBS	1302	1185	1302	1255	1296	1260	1302	1302	1253	1281	1230	1271	15239

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	20.2	11.311	930	49	796	0	0	0	930
03-05	19.4	11.742	930	64	806	0	0	0	930
06-08	19.0	12.057	930	76	805	0	0	0	930
09-11	21.1	10.933	930	31	779	0	0	0	930
12-14	25.3	9.479	930	6	695	0	0	0	930
15-17	25.7	9.386	930	9	679	0	0	0	930
18-20	23.0	9.995	930	14	766	0	0	0	930
21-23	21.2	10.800	930	38	787	0	0	0	930
ALL HOURS	21.9	10.989	7440	287	6113	0	0	0	7440

MONTH: FEB

00-02	21.3	10.817	846	26	690	0	0	0	846
03-05	20.3	11.238	846	40	715	0	0	0	846
06-08	19.5	11.420	846	50	728	0	0	0	846
09-11	23.0	10.241	846	15	662	0	0	0	846
12-14	27.4	9.051	846	0	572	0	0	0	846
15-17	28.4	8.907	846	0	542	0	0	0	846
18-20	25.6	9.056	846	0	622	0	0	0	846
21-23	23.0	10.116	846	8	661	0	0	0	846
ALL HOURS	23.6	10.615	6768	139	5192	0	0	0	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	28.1	10.615	930	10	582	0	0	0	930
03-05	26.7	11.093	930	16	626	1	0	0	930
06-08	26.4	11.305	930	18	625	0	0	0	930
09-11	32.0	10.820	930	1	445	6	0	0	930
12-14	35.9	11.076	930	0	350	20	0	0	930
15-17	36.3	11.140	930	0	317	27	0	0	930
18-20	33.3	10.416	930	0	422	9	0	0	930
21-23	30.2	10.221	930	1	519	0	0	0	930
ALL HOURS	31.1	11.416	7440	46	3886	63	0	0	7440

MONTH: APR

00-02	38.6	9.354	900	0	221	4	0	0	900
03-05	37.1	9.142	900	0	270	0	0	0	900
06-08	38.6	9.410	900	0	216	8	0	0	900
09-11	46.1	11.110	900	0	61	68	7	0	900
12-14	49.6	12.106	900	0	30	112	20	0	900
15-17	49.5	12.139	900	0	26	114	24	0	900
18-20	45.5	10.790	900	0	60	65	6	0	900
21-23	40.9	9.566	900	0	159	17	0	0	900
ALL HOURS	43.2	11.542	7200	0	1043	388	57	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	48.4	8.577	930	0	12	39	0	0	930
03-05	46.8	8.698	930	0	27	15	0	0	930
06-08	50.1	8.706	930	0	12	53	0	0	930
09-11	58.1	9.850	930	0	0	230	23	0	930
12-14	61.3	11.343	930	0	0	314	86	0	930
15-17	61.0	11.329	930	0	0	287	91	1	930
18-20	56.9	9.759	930	0	0	186	29	0	930
21-23	51.2	8.589	930	0	1	83	0	0	930
ALL HOURS	54.2	11.050	7440	0	52	1207	229	1	7440

MONTH: JUN

00-02	56.8	8.128	900	0	0	151	2	0	900
03-05	55.0	7.990	900	0	0	108	0	0	900
06-08	59.1	7.627	900	0	0	208	2	0	900
09-11	67.2	8.494	900	0	0	528	81	0	900
12-14	70.3	9.535	900	0	0	623	164	10	900
15-17	70.0	9.619	900	0	0	620	161	10	900
18-20	66.2	8.848	900	0	0	474	67	3	900
21-23	59.8	7.886	900	0	0	236	8	0	900
ALL HOURS	63.0	10.277	7200	0	0	2948	485	23	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMAR'
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	63.4	7.296	930	0	0	397	9	0	930
03-05	61.4	7.679	930	0	0	323	7	0	930
06-08	65.0	7.255	930	0	0	491	16	0	930
09-11	74.4	7.240	930	0	0	861	227	5	930
12-14	77.8	7.684	930	0	0	892	381	30	930
15-17	77.4	8.003	930	0	0	884	350	36	930
18-20	73.6	7.357	928	0	0	831	196	11	928
21-23	67.0	6.807	927	0	0	592	41	0	927
ALL HOURS	70.0	9.615	7435	0	0	5271	1227	82	7435

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	62.1	7.722	930	0	0	399	6	0	930
03-05	60.2	7.893	930	0	0	308	0	0	930
06-08	62.2	7.594	930	0	0	396	6	0	930
09-11	71.3	6.662	930	0	0	815	103	1	930
12-14	75.1	7.386	930	0	0	867	272	12	930
15-17	74.9	7.570	930	0	0	861	263	9	930
18-20	70.7	7.046	930	0	0	766	98	1	930
21-23	64.9	7.230	930	0	0	520	13	0	930
ALL HOURS	67.7	9.330	7440	0	0	4932	761	23	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	55.0	8.686	900	0	0	136	0	0	900
03-05	53.3	8.869	900	0	2	102	0	0	900
06-08	53.9	8.714	900	0	3	108	0	0	900
09-11	62.0	7.967	900	0	0	351	14	0	900
12-14	66.3	8.729	900	0	0	509	68	1	900
15-17	66.1	9.006	900	0	0	497	69	1	900
18-20	61.3	8.415	900	0	0	322	15	0	900
21-23	56.8	8.587	900	0	0	183	1	0	900
ALL HOURS	59.3	9.909	7200	0	5	2208	167	2	7200

MONTH: OCT

00-02	43.7	8.401	930	0	66	6	0	0	930
03-05	42.7	8.640	930	0	103	7	0	0	930
06-08	42.6	8.635	930	0	120	8	0	0	930
09-11	48.8	7.504	930	0	2	23	0	0	930
12-14	52.9	8.320	930	0	0	91	0	0	930
15-17	52.3	8.114	930	0	0	79	0	0	930
18-20	47.9	7.402	930	0	7	12	0	0	930
21-23	45.1	7.961	930	0	37	8	0	0	930
ALL HOURS	47.0	9.025	7440	0	335	234	0	0	7440

E - 5 - 1 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	35.0	8.896	900	0	363	0	0	0	900
03-05	34.1	9.060	900	0	409	0	0	0	900
06-08	33.6	8.965	900	0	423	0	0	0	900
09-11	37.0	8.439	900	0	260	2	0	0	900
12-14	40.6	8.838	900	0	143	5	0	0	900
15-17	40.2	8.608	900	0	154	6	0	0	900
18-20	37.2	8.317	900	0	251	3	0	0	900
21-23	35.6	8.639	900	0	325	1	0	0	900
ALL HOURS	36.7	9.043	7200	0	2328	17	0	0	7200

MONTH: DEC

00-02	24.6	11.144	930	22	717	0	0	0	930
03-05	24.0	11.245	930	27	716	0	0	0	930
06-08	23.9	11.295	929	27	713	0	0	0	929
09-11	25.7	10.460	930	8	675	0	0	0	930
12-14	28.6	9.320	930	0	604	0	0	0	930
15-17	28.6	9.304	930	0	601	0	0	0	930
18-20	26.4	10.191	930	6	668	0	0	0	930
21-23	25.1	10.760	930	16	693	0	0	0	930
ALL HOURS	25.9	10.665	7439	106	5407	0	0	0	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	41.5	17.790	10956	107	3447	1132	17	0	10956
03-05	40.2	17.569	10956	147	3674	864	7	0	10956
06-08	41.3	18.717	10955	171	3665	1272	24	0	10955
09-11	47.4	20.737	10956	55	2884	2884	455	6	10956
12-14	51.0	20.738	10956	6	2394	3433	991	53	10956
15-17	51.0	20.487	10956	9	2319	3375	958	57	10956
18-20	47.4	19.732	10954	20	2796	2668	411	15	10954
21-23	43.5	18.241	10953	63	3182	1640	63	0	10953
ALL HOURS	45.4	19.720	87642	578	24361	17268	2926	131	87642

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	18.7	10.934	930	848	0	0	0	0	930
03-05	18.0	11.322	930	853	0	0	0	0	930
06-08	17.7	11.689	930	847	0	0	0	0	930
09-11	19.4	10.596	930	836	0	0	0	0	930
12-14	22.7	9.139	930	794	0	0	0	0	930
15-17	23.0	9.032	930	802	0	0	0	0	930
18-20	20.9	9.686	930	835	0	0	0	0	930
21-23	19.4	10.407	930	848	0	0	0	0	930
ALL HOURS	20.0	10.544	7440	6663	0	0	0	0	7440

MONTH: FEB

00-02	19.7	10.637	846	751	0	0	0	0	846
03-05	18.8	10.999	846	766	0	0	0	0	846
06-08	18.2	11.153	846	765	0	0	0	0	846
09-11	21.2	9.982	846	739	0	0	0	0	846
12-14	24.5	8.669	846	674	0	0	0	0	846
15-17	25.1	8.449	846	666	0	0	0	0	846
18-20	23.1	8.906	846	712	0	0	0	0	846
21-23	21.2	9.944	846	737	0	0	0	0	846
ALL HOURS	21.5	10.160	6768	5810	0	0	0	0	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	25.9	10.243	930	714	8	0	0	0	930
03-05	24.8	10.684	930	731	5	0	0	0	930
06-08	24.5	10.862	930	722	6	0	0	0	930
09-11	28.8	10.031	930	602	29	0	0	0	930
12-14	31.4	9.855	930	514	43	0	0	0	930
15-17	31.7	9.774	930	508	42	0	0	0	930
18-20	29.7	9.564	930	609	33	0	0	0	930
21-23	27.6	9.732	930	677	19	0	0	0	930
ALL HOURS	28.1	10.416	7440	5077	185	0	0	0	7440

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	34.9	8.867	900	363	62	0	0	0	900
03-05	33.9	8.828	900	408	55	0	0	0	900
06-08	35.2	8.925	900	353	64	0	0	0	900
09-11	39.8	9.315	900	175	137	5	0	0	900
12-14	41.6	9.405	899	128	164	8	0	0	899
15-17	41.4	9.240	900	134	165	6	0	0	900
18-20	39.2	8.857	900	185	116	2	0	0	900
21-23	36.4	8.674	900	304	71	0	0	0	900
ALL HOURS	37.8	9.482	7199	2050	834	21	0	0	7199

E - 5 - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	44.5	8.529	930	59	268	1	0	0	930
03-05	43.4	8.737	930	98	256	1	0	0	930
06-08	45.8	8.349	930	38	308	6	0	0	930
09-11	50.3	8.205	930	2	458	30	1	0	930
12-14	52.0	8.749	930	0	506	56	8	0	930
15-17	51.7	8.699	930	0	504	63	5	0	930
18-20	49.4	8.088	930	4	422	27	3	0	930
21-23	46.4	8.169	930	25	314	8	0	0	930
ALL HOURS	48.0	9.013	7440	226	3036	192	17	0	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	53.1	7.552	900	1	606	27	2	0	900
03-05	51.8	7.662	900	3	547	18	0	0	900
06-08	54.8	7.013	900	0	697	46	3	0	900
09-11	58.8	6.866	900	0	837	135	27	0	900
12-14	60.0	6.999	900	0	848	174	45	0	900
15-17	59.7	6.928	900	0	847	170	30	0	900
18-20	57.9	6.828	900	0	809	118	14	0	900
21-23	54.9	6.970	900	0	692	45	4	0	900
ALL HOURS	56.4	7.710	7200	4	5883	733	125	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	59.6	6.804	930	0	860	152	19	0	930
03-05	58.2	7.158	930	0	817	129	5	0	930
06-08	60.7	6.565	930	0	883	197	27	0	930
09-11	65.3	5.899	930	0	929	393	114	2	930
12-14	66.5	5.915	930	0	930	477	152	18	930
15-17	66.1	6.056	930	0	930	425	154	10	930
18-20	64.7	5.788	928	0	927	338	106	1	928
21-23	62.0	6.105	927	0	907	216	39	0	927
ALL HOURS	62.9	6.978	7435	0	7183	2327	616	31	7435

MONTH: AUG

00-02	58.8	7.559	929	1	789	136	13	0	929
03-05	57.4	7.796	930	3	754	112	5	0	930
06-08	58.9	7.421	930	2	814	136	9	0	930
09-11	64.0	5.997	930	0	918	330	51	3	930
12-14	65.3	6.435	930	0	923	428	115	8	930
15-17	65.2	6.472	930	0	919	401	126	7	930
18-20	63.4	6.329	930	0	914	307	63	1	930
21-23	60.6	7.043	930	0	859	205	23	0	930
ALL HOURS	61.7	7.498	7439	6	6890	2055	405	19	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO SIC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	52.1	8.614	900	5	568	36	0	0	900
03-05	50.8	8.872	900	10	515	32	0	0	900
06-08	51.3	8.810	900	13	521	29	0	0	900
09-11	56.4	7.658	900	0	720	84	7	0	900
12-14	58.3	7.930	900	0	766	139	24	0	900
15-17	58.3	7.871	900	0	763	126	32	3	900
18-20	56.1	7.916	900	0	704	84	10	0	900
21-23	53.4	8.442	900	3	610	42	0	0	900
ALL HOURS	54.6	8.787	7200	31	5167	572	73	3	7200

MONTH: OCT

00-02	40.9	8.193	930	156	170	0	0	0	930
03-05	40.2	8.366	930	187	147	0	0	0	930
06-08	40.2	8.451	930	198	142	0	0	0	930
09-11	44.5	7.324	930	32	239	1	0	0	930
12-14	46.5	7.478	930	18	327	3	0	0	930
15-17	46.0	7.264	930	21	304	2	0	0	930
18-20	43.6	7.171	930	41	210	0	0	0	930
21-23	41.8	7.656	930	96	174	0	0	0	930
ALL HOURS	43.0	8.093	7440	749	1713	6	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	32.6	8.695	900	481	27	0	0	0	900
03-05	31.9	8.752	900	523	25	0	0	0	900
06-08	31.6	8.771	900	517	27	0	0	0	900
09-11	34.3	8.271	900	395	34	0	0	0	900
12-14	36.4	8.326	900	303	61	0	0	0	900
15-17	36.1	8.122	900	316	59	0	0	0	900
18-20	34.2	8.178	900	393	39	0	0	0	900
21-23	33.0	8.486	900	460	39	0	0	0	900
ALL HOURS	33.8	8.613	7200	3388	311	0	0	0	7200

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	22.8	10.804	930	792	6	0	0	0	930
03-05	22.4	10.947	930	791	6	0	0	0	930
06-08	22.3	11.035	929	792	13	0	0	0	929
09-11	23.9	10.289	930	760	13	0	0	0	930
12-14	26.0	9.220	928	718	11	0	0	0	928
15-17	25.9	9.217	930	722	14	0	0	0	930
18-20	24.3	10.033	930	768	15	0	0	0	930
21-23	23.2	10.439	930	780	8	0	0	0	930
ALL HOURS	23.9	10.381	7437	6123	86	0	0	0	7437

E - 5 - 2 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	38.7	17.019	10955	4171	3364	352	34	0	10955
03-05	37.7	16.950	10956	4373	3127	292	10	0	10956
06-08	38.5	17.740	10955	4247	3475	414	39	0	10955
09-11	42.3	18.195	10956	3541	4314	978	200	5	10956
12-14	44.4	17.560	10953	3149	4579	1285	344	26	10953
15-17	44.3	17.338	10956	3169	4547	1193	347	20	10956
18-20	42.3	17.403	10954	3547	4189	876	196	2	10954
21-23	40.1	17.133	10953	3930	3693	516	66	0	10953
ALL HOURS	41.0	17.593	87638	30127	31288	5906	1236	53	87638

E - 5 - 2 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	13.1	13.095	930	798	6	930	0	930
03-05	12.6	13.602	930	797	7	930	0	930
06-08	12.3	14.019	930	803	13	930	0	930
09-11	13.6	12.989	930	800	15	930	0	930
12-14	15.4	11.987	930	783	18	930	0	930
15-17	15.3	12.147	930	778	20	930	0	930
18-20	14.2	12.557	930	788	14	930	0	930
21-23	13.5	12.729	930	797	8	930	0	930
ALL HOURS	13.7	12.966	7440	6344	101	7440	0	7440

MONTH: FEB

00-02	14.2	12.843	846	679	11	846	0	846
03-05	13.5	13.101	846	695	13	846	0	846
06-08	13.1	13.296	846	698	13	846	0	846
09-11	15.4	12.300	846	686	20	846	0	846
12-14	17.0	11.364	846	676	24	846	0	846
15-17	17.0	11.578	846	657	25	846	0	846
18-20	16.3	11.884	846	666	15	846	0	846
21-23	15.3	12.461	846	675	14	846	0	846
ALL HOURS	15.2	12.468	6768	5432	135	6768	0	6768

E - 5 - 3 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	20.7	12.224	930	677	88	930	0	930
03-05	19.9	12.492	930	679	79	930	0	930
06-08	19.7	12.647	930	671	75	930	0	930
09-11	22.2	12.107	930	617	99	930	0	930
12-14	23.1	12.350	930	605	124	928	0	930
15-17	23.2	12.279	930	600	127	926	0	930
18-20	22.5	12.125	930	630	104	929	0	930
21-23	21.7	11.938	930	654	94	930	0	930
ALL HOURS	21.6	12.366	7440	5133	790	7433	0	7440

MONTH: APR

00-02	28.8	10.943	900	425	222	894	0	899
03-05	28.5	10.876	900	423	212	897	0	899
06-08	29.7	10.779	900	388	224	892	0	899
09-11	31.1	11.743	900	337	273	882	0	899
12-14	31.3	11.904	899	337	277	875	0	899
15-17	30.9	11.540	900	342	256	883	0	899
18-20	30.4	11.268	900	360	236	886	0	899
21-23	29.6	10.849	900	388	223	891	0	899
ALL HOURS	30.0	11.310	7199	3000	1923	7100	0	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	40.1	10.321	930	116	572	856	4	930
03-05	39.4	10.447	930	137	529	873	1	930
06-08	41.1	10.098	930	95	597	855	6	930
09-11	42.6	10.805	930	86	644	815	19	930
12-14	43.3	11.037	930	63	654	789	27	930
15-17	42.8	11.150	930	83	639	790	21	930
18-20	41.8	10.669	930	94	643	824	10	930
21-23	41.3	10.159	930	86	633	833	4	930
ALL HOURS	41.6	10.682	7440	760	4911	6635	92	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	49.9	8.273	900	2	855	660	29	900
03-05	49.1	8.461	900	3	840	676	22	900
06-08	51.3	7.945	900	0	873	621	41	900
09-11	52.6	8.397	900	2	872	584	86	900
12-14	52.7	8.716	900	4	873	569	99	900
15-17	52.2	8.651	900	2	877	584	90	900
18-20	51.5	8.485	900	0	872	606	63	900
21-23	51.0	8.010	900	1	878	636	43	900
ALL HOURS	51.3	8.480	7200	14	6940	4936	473	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	57.0	7.409	930	0	928	382	158	930
03-05	56.0	7.616	930	0	927	437	138	930
06-08	57.9	7.061	930	0	929	348	179	930
09-11	59.7	7.332	930	0	930	273	257	930
12-14	59.8	7.780	930	0	930	283	263	930
15-17	59.4	7.843	930	0	930	314	262	930
18-20	59.1	7.495	928	0	928	301	243	928
21-23	58.7	6.918	927	0	927	297	200	927
ALL HOURS	58.5	7.584	7435	0	7429	2635	1700	7435

MONTH: AUG

00-02	56.4	8.247	929	4	918	388	157	930
03-05	55.3	8.536	930	2	912	429	133	930
06-08	56.6	8.139	930	1	920	377	158	930
09-11	59.3	7.595	930	0	929	262	260	930
12-14	59.4	8.332	930	0	928	300	285	930
15-17	59.2	8.485	930	1	921	294	275	930
18-20	58.7	8.075	930	2	919	301	250	930
21-23	57.7	8.099	930	2	921	354	209	930
ALL HOURS	57.8	8.350	7439	12	7368	2705	1727	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	49.5	9.620	900	12	804	632	41	900
03-05	48.5	9.715	900	11	781	663	41	900
06-08	49.0	9.691	900	8	794	650	50	900
09-11	51.9	9.371	900	1	849	539	72	900
12-14	52.1	10.158	900	2	840	513	99	900
15-17	52.3	9.914	900	6	856	529	94	900
18-20	51.9	9.574	900	7	848	547	72	900
21-23	50.5	9.538	900	7	818	594	45	900
ALL HOURS	50.7	9.817	7200	54	6590	4667	514	7200

MONTH: OCT

00-02	37.4	9.268	930	131	462	906	0	930
03-05	36.9	9.428	930	153	438	903	0	930
06-08	37.0	9.574	930	159	442	904	0	930
09-11	39.6	9.151	930	92	569	891	0	930
12-14	39.5	9.712	930	111	579	883	4	930
15-17	39.1	9.546	930	117	565	890	1	930
18-20	38.6	9.066	930	96	521	896	0	930
21-23	37.8	8.981	930	106	477	905	0	930
ALL HOURS	38.2	9.428	7440	965	4053	7178	5	7440

E - 5 - 3 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	28.3	10.242	900	445	187	896	0	900
03-05	27.8	10.137	900	458	162	897	0	900
06-08	27.8	10.153	900	466	170	894	0	900
09-11	29.6	9.994	900	386	203	893	0	900
12-14	29.9	10.421	900	379	225	888	0	900
15-17	29.8	10.476	900	377	234	896	0	900
18-20	29.0	10.258	900	398	202	898	0	900
21-23	28.4	10.141	900	439	185	897	0	900
ALL HOURS	28.8	10.280	7200	3348	1568	7159	0	7200

MONTH: DEC

00-02	17.9	12.604	930	695	31	927	0	928
03-05	17.6	12.741	930	702	29	927	0	928
06-08	17.7	12.985	929	698	36	926	0	928
09-11	18.8	12.346	930	687	45	928	0	928
12-14	19.4	12.064	928	678	49	923	0	928
15-17	19.1	12.272	930	685	51	925	0	928
18-20	18.5	12.428	930	697	51	927	0	928
21-23	18.1	12.361	930	694	39	927	0	928
ALL HOURS	18.4	12.500	7437	5536	331	7410	0	7437

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	34.5	18.807	10955	3984	5084	9247	389	10955
03-05	33.9	18.765	10956	4060	4929	9408	335	10956
06-08	34.5	19.336	10955	3987	5086	9173	434	10955
09-11	36.5	19.351	10956	3694	5448	8773	694	10956
12-14	37.0	19.029	10953	3638	5521	8727	777	10953
15-17	36.8	18.974	10956	3648	5501	8807	743	10956
18-20	36.1	19.000	10954	3738	5353	8891	638	10954
21-23	35.4	18.920	10953	3849	5217	9040	501	10953
ALL HOURS	35.6	19.055	87638	30598	42139	72066	4511	87638

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.1	94.4	79.7	58.7	29.4	11.3	72.0	930
03-05	100.0	100.0	100.0	98.7	94.7	81.7	62.2	31.9	12.2	72.9	930
06-08	100.0	100.0	100.0	98.7	95.8	82.6	62.6	31.6	12.2	73.0	930
09-11	100.0	100.0	100.0	98.3	94.1	79.8	55.2	24.7	8.9	70.8	930
12-14	100.0	100.0	99.8	95.3	82.6	61.5	36.7	14.0	4.4	64.0	930
15-17	100.0	100.0	99.7	93.5	77.1	55.4	33.3	14.6	4.9	62.6	930
18-20	100.0	100.0	99.9	97.0	87.3	68.7	43.0	19.6	8.2	66.9	930
21-23	100.0	100.0	100.0	98.9	92.3	76.9	51.8	25.1	8.0	70.0	930
ALL HOURS	100.0	100.0	99.9	97.4	89.8	73.3	50.4	23.9	8.8	69.0	7440

MONTH: FEB

00-02	100.0	100.0	100.0	99.2	94.6	82.9	55.4	29.0	12.1	72.1	846
03-05	100.0	100.0	100.0	99.1	94.8	83.7	60.9	32.0	13.0	73.2	846
06-08	100.0	100.0	100.0	98.9	94.0	85.2	66.4	35.9	13.4	74.1	846
09-11	100.0	100.0	99.8	98.7	92.3	79.0	53.0	26.8	11.2	70.8	846
12-14	100.0	100.0	98.7	94.4	80.4	56.9	33.5	14.4	5.4	63.1	846
15-17	100.0	100.0	98.0	89.6	72.6	52.2	32.4	15.4	4.4	61.1	846
18-20	100.0	100.0	99.3	94.9	85.5	64.5	40.9	22.9	9.2	66.3	846
21-23	100.0	100.0	100.0	98.6	91.8	78.4	51.2	26.2	11.0	70.3	846
ALL HOURS	100.0	100.0	99.5	96.7	88.2	72.8	49.2	25.3	10.0	68.8	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	98.9	95.1	79.6	57.3	32.7	12.3	72.3	930
03-05	100.0	100.0	100.0	100.0	96.8	84.7	61.8	34.4	14.8	74.1	930
06-08	100.0	100.0	100.0	99.6	96.6	85.5	62.7	34.7	14.3	74.3	930
09-11	100.0	100.0	99.5	96.1	83.9	64.1	41.2	23.1	8.5	66.3	930
12-14	100.0	99.9	96.3	87.4	67.7	48.4	28.4	14.2	6.0	59.5	930
15-17	100.0	99.4	96.5	83.2	66.6	48.4	29.4	16.1	5.9	59.2	930
18-20	100.0	99.7	97.6	90.8	78.0	60.9	39.1	21.6	7.0	64.2	930
21-23	100.0	100.0	99.8	97.4	88.5	71.7	52.9	28.1	9.6	69.4	930
ALL HOURS	100.0	99.9	98.7	94.2	84.1	67.9	46.6	25.6	9.8	67.4	7440

MONTH: APR

00-02	100.0	100.0	99.7	97.2	87.2	67.9	46.3	24.1	6.9	67.6	900
03-05	100.0	100.0	100.0	99.4	90.3	75.3	51.9	30.6	8.2	70.3	900
06-08	100.0	100.0	100.0	98.9	91.0	74.3	50.1	28.6	8.7	69.9	900
09-11	100.0	99.4	94.0	82.1	61.4	41.3	27.9	16.0	5.4	57.4	900
12-14	100.0	97.8	87.5	70.4	48.3	31.7	20.5	11.9	3.9	51.8	899
15-17	100.0	98.0	87.1	68.8	47.6	30.4	19.9	12.9	4.8	51.4	900
18-20	100.0	99.4	93.2	80.0	62.1	43.0	27.9	16.4	5.1	57.2	900
21-23	100.0	100.0	99.1	93.3	80.1	59.4	37.6	21.3	6.1	64.3	900
ALL HOURS	100.0	99.3	95.1	86.3	71.0	52.9	35.3	20.2	6.1	61.3	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	99.5	94.7	84.0	60.6	38.8	14.7	73.8	930
03-05	100.0	100.0	100.0	100.0	97.6	87.7	68.3	43.1	17.2	76.1	930
06-08	100.0	100.0	99.9	98.4	93.1	77.5	56.3	35.7	15.6	72.3	930
09-11	100.0	99.7	94.8	83.0	64.7	46.3	31.2	18.6	7.6	59.1	930
12-14	100.0	99.5	91.7	73.7	56.6	38.4	23.5	14.3	5.9	54.9	930
15-17	100.0	99.8	90.6	72.4	54.1	38.1	24.8	14.1	4.6	54.5	930
18-20	100.0	99.9	95.5	82.7	67.2	50.5	32.9	19.8	7.1	60.0	930
21-23	100.0	100.0	100.0	97.4	88.2	74.1	51.9	30.9	10.8	69.9	930
ALL HOURS	100.0	99.9	96.6	88.4	77.0	62.1	43.7	26.9	10.4	65.1	7440

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	98.4	91.2	78.0	53.6	21.4	78.9	900
03-05	100.0	100.0	100.0	100.0	99.2	94.9	83.9	62.9	26.4	81.5	900
06-08	100.0	100.0	100.0	100.0	98.4	88.3	68.4	44.0	17.7	76.3	900
09-11	100.0	100.0	99.7	93.9	74.6	47.2	30.2	15.6	4.9	61.3	900
12-14	100.0	100.0	97.9	82.9	60.9	38.9	21.3	10.8	3.6	56.1	900
15-17	100.0	100.0	96.3	80.2	59.7	39.2	22.7	12.4	5.4	56.0	900
18-20	100.0	100.0	98.3	89.6	73.4	55.9	32.8	17.2	6.9	61.7	900
21-23	100.0	100.0	100.0	99.6	95.6	83.0	64.6	39.3	14.2	74.0	900
ALL HOURS	100.0	100.0	99.0	93.3	82.5	67.3	50.2	32.0	12.6	68.2	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.8	99.4	96.8	83.9	56.0	23.4	80.4	930
03-05	100.0	100.0	100.0	99.8	99.6	98.3	91.6	67.2	30.3	83.2	930
06-08	100.0	100.0	100.0	100.0	99.8	95.1	78.1	48.1	20.5	78.6	930
09-11	100.0	100.0	99.7	96.2	83.1	52.7	27.8	10.5	3.1	61.7	930
12-14	100.0	100.0	98.2	88.1	64.7	36.8	17.3	5.5	1.3	55.6	930
15-17	100.0	100.0	99.0	87.3	62.0	36.5	19.9	8.4	2.6	56.0	930
18-20	100.0	100.0	99.8	93.8	78.9	53.8	33.1	12.9	6.1	62.3	928
21-23	100.0	100.0	100.0	99.9	98.2	89.2	70.0	37.8	15.9	75.5	927
ALL HOURS	100.0	100.0	99.6	95.6	85.7	69.9	52.7	30.8	12.9	69.2	7435

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	98.6	88.7	61.5	28.1	82.1	929
03-05	100.0	100.0	100.0	100.0	100.0	99.2	93.5	68.8	35.6	84.2	930
06-08	100.0	100.0	100.0	100.0	100.0	98.9	90.0	60.0	29.7	82.5	930
09-11	100.0	100.0	100.0	98.9	90.6	69.2	42.3	19.0	7.2	67.1	930
12-14	100.0	100.0	99.9	94.5	74.0	48.5	23.0	8.6	3.0	59.7	930
15-17	100.0	100.0	99.5	94.3	72.0	48.9	25.4	10.2	3.2	59.8	930
18-20	100.0	100.0	99.8	97.6	88.4	69.4	44.9	19.9	6.6	67.2	930
21-23	100.0	100.0	100.0	100.0	99.1	94.8	78.0	45.3	18.8	78.1	930
ALL HOURS	100.0	100.0	99.9	98.2	90.5	78.5	60.7	36.7	16.5	72.6	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.3	96.8	89.6	63.4	24.6	82.0	900
03-05	100.0	100.0	100.0	100.0	100.0	98.4	93.9	72.8	29.7	84.2	900
06-08	100.0	100.0	100.0	100.0	99.8	98.9	92.8	71.4	30.4	84.0	900
09-11	100.0	100.0	100.0	99.6	93.4	75.6	53.0	30.7	10.8	70.7	900
12-14	100.0	100.0	99.6	94.4	76.7	52.3	31.2	16.8	6.6	62.1	900
15-17	100.0	100.0	99.1	93.9	77.2	54.7	35.7	21.0	6.7	63.2	900
18-20	100.0	100.0	99.8	98.7	93.6	82.0	59.4	35.3	12.3	72.5	900
21-23	100.0	100.0	100.0	99.8	98.7	95.9	84.3	58.3	20.3	80.2	900
ALL HOURS	100.0	100.0	99.8	98.3	92.3	81.8	67.5	46.2	17.7	74.8	7200

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	98.4	93.1	77.6	50.0	19.2	78.8	930
03-05	100.0	100.0	100.0	99.8	98.6	94.6	81.5	55.1	22.7	80.2	930
06-08	100.0	100.0	100.0	99.9	99.2	95.3	82.4	58.5	24.9	80.9	930
09-11	100.0	100.0	99.9	99.2	93.5	77.5	54.5	32.6	12.7	71.6	930
12-14	100.0	99.8	98.4	94.7	77.8	52.6	29.8	17.4	4.7	62.0	930
15-17	100.0	99.2	98.3	93.1	77.6	56.8	34.4	16.8	4.6	62.4	930
18-20	100.0	100.0	99.4	98.5	92.3	77.6	54.6	31.0	10.0	71.0	930
21-23	100.0	100.0	100.0	99.9	97.1	88.7	70.0	43.3	14.7	76.0	930
ALL HOURS	100.0	99.9	99.5	98.1	91.8	79.5	60.6	38.1	14.2	72.9	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	98.4	87.4	67.1	40.2	15.7	75.8	900
03-05	100.0	100.0	100.0	100.0	98.2	90.0	71.9	44.2	18.9	77.2	900
06-08	100.0	100.0	100.0	100.0	98.3	91.7	74.8	48.3	18.8	78.2	900
09-11	100.0	100.0	100.0	99.8	96.3	83.0	59.3	37.0	14.7	74.0	900
12-14	100.0	100.0	100.0	97.3	82.9	59.9	39.7	21.2	8.3	65.6	900
15-17	100.0	100.0	99.9	95.1	83.6	61.6	42.8	23.6	9.4	66.3	900
18-20	100.0	100.0	100.0	98.9	94.2	77.9	55.3	33.1	12.1	71.9	900
21-23	100.0	100.0	100.0	99.7	97.4	84.8	63.1	36.7	13.3	74.4	900
ALL HOURS	100.0	100.0	100.0	98.8	93.7	79.5	59.3	35.5	13.9	72.9	7200

MONTH: DEC

00-02	100.0	100.0	100.0	99.4	97.4	86.2	64.0	32.7	13.2	73.9	930
03-05	100.0	100.0	100.0	99.9	97.6	85.5	64.7	35.5	15.2	74.7	930
06-08	100.0	100.0	100.0	99.6	97.3	86.0	68.5	38.4	16.8	75.5	929
09-11	100.0	100.0	100.0	99.6	95.5	82.8	60.6	33.0	13.3	73.3	930
12-14	100.0	100.0	99.9	95.7	84.9	64.5	42.9	23.6	8.2	66.9	928
15-17	100.0	100.0	99.7	95.5	83.7	64.2	40.9	21.9	7.2	65.9	930
18-20	100.0	100.0	99.7	98.9	92.7	77.8	50.5	25.5	8.4	70.1	930
21-23	100.0	100.0	99.8	99.1	97.3	85.2	58.8	29.7	11.3	72.7	930
ALL HOURS	100.0	100.0	99.9	98.5	93.3	79.0	56.4	30.0	11.7	71.6	7437

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.4	96.5	87.1	69.0	42.7	16.9	75.8	10955
03-05	100.0	100.0	100.0	99.7	97.3	89.6	73.9	48.3	20.4	77.7	10956
06-08	100.0	100.0	100.0	99.5	97.0	88.3	71.1	44.6	18.6	76.6	10955
09-11	100.0	99.9	98.9	95.4	85.3	66.5	44.6	23.9	9.0	67.0	10956
12-14	100.0	99.7	97.3	89.1	71.4	49.2	29.0	14.4	5.1	60.1	10953
15-17	100.0	99.7	97.0	87.3	69.5	48.9	30.1	15.6	5.3	59.9	10956
18-20	100.0	99.9	98.5	93.4	82.8	65.2	42.9	22.9	8.2	65.9	10954
21-23	100.0	100.0	99.9	98.6	93.7	81.9	61.2	35.2	12.8	72.9	10953
ALL HOURS	100.0	99.9	99.0	95.3	86.7	72.1	52.7	31.0	12.1	69.5	87638

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

F - 1 - 1

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1016.1	1018.5	1017.4	1014.3	1014.6	1013.4	1015.2	1015.8	1017.0	1017.9	1016.2	1017.3	1016.1
	SD	9.992	10.036	9.882	8.021	6.485	5.685	4.545	4.939	6.399	8.323	9.592	9.435	8.146
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0400	MEAN	1016.1	1018.3	1017.0	1013.8	1014.5	1013.4	1015.2	1015.6	1016.9	1017.7	1016.2	1017.3	1016.0
	SD	10.204	10.126	10.079	8.375	6.769	5.939	4.702	5.095	6.577	8.589	9.598	9.373	8.311
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	1016.4	1018.8	1017.6	1014.5	1015.3	1014.1	1015.9	1016.3	1017.7	1018.2	1016.4	1017.5	1016.5
	SD	10.410	10.218	10.204	8.766	6.956	6.148	4.783	5.242	6.718	8.864	9.684	9.452	8.453
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1000	MEAN	1017.2	1019.5	1018.1	1014.7	1015.4	1014.2	1016.0	1016.4	1017.9	1018.6	1016.9	1018.0	1016.9
	SD	10.482	10.116	10.286	8.823	7.163	6.207	4.804	5.343	6.829	8.997	9.832	9.658	8.566
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1300	MEAN	1016.1	1018.7	1017.5	1014.2	1014.8	1013.9	1015.6	1016.0	1017.1	1017.8	1015.9	1016.9	1016.2
	SD	10.357	9.970	10.222	8.457	7.220	6.032	4.720	5.238	6.751	8.761	9.838	9.751	8.448
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	1015.7	1017.9	1016.6	1013.6	1014.1	1013.3	1014.9	1015.3	1016.3	1017.3	1015.6	1016.8	1015.6
	SD	10.084	9.762	10.005	8.014	6.943	5.700	4.626	5.113	6.591	8.305	9.630	9.685	8.214
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1900	MEAN	1016.6	1018.6	1017.2	1014.0	1014.2	1013.2	1014.6	1015.2	1016.6	1018.1	1016.3	1017.6	1016.0
	SD	9.786	9.675	9.726	7.620	6.439	5.365	4.470	4.856	6.424	7.955	9.520	9.668	8.039
	TOT OBS	310	282	310	300	310	300	309	310	300	310	299	310	3650
2200	MEAN	1016.6	1018.7	1017.6	1014.6	1014.8	1013.8	1015.2	1015.8	1017.1	1018.3	1016.3	1017.6	1016.4
	SD	9.742	9.812	9.760	7.531	6.341	5.343	4.335	4.795	6.369	8.089	9.583	9.669	8.007
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
ALL HOURS	MEAN	1016.4	1018.6	1017.4	1014.2	1014.7	1013.7	1015.3	1015.8	1017.1	1018.0	1016.2	1017.4	1016.2
	SD	10.144	9.975	10.031	8.222	6.812	5.822	4.648	5.096	6.602	8.500	9.667	9.594	8.283
	TOT OBS	2480	2256	2480	2400	2480	2400	2478	2480	2400	2480	2399	2480	29213

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	29.97	30.04	30.01	29.94	29.96	29.93	29.99	30.00	30.03	30.05	29.99	30.00	29.99
	SD	.289	.289	.283	.234	.187	.164	.132	.142	.184	.242	.278	.273	.234
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0400	MEAN	29.97	30.03	30.00	29.92	29.95	29.93	29.99	30.00	30.03	30.04	29.98	30.01	29.99
	SD	.295	.291	.289	.245	.195	.172	.137	.147	.189	.250	.278	.271	.239
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	29.97	30.04	30.02	29.94	29.98	29.95	30.01	30.02	30.05	30.05	29.99	30.01	30.00
	SD	.300	.293	.292	.257	.201	.179	.139	.151	.193	.257	.280	.273	.243
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1000	MEAN	30.00	30.06	30.03	29.95	29.98	29.96	30.02	30.02	30.06	30.07	30.00	30.02	30.01
	SD	.302	.291	.296	.258	.208	.180	.140	.154	.197	.261	.285	.280	.247
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1300	MEAN	29.97	30.04	30.02	29.93	29.97	29.95	30.01	30.01	30.04	30.04	29.98	29.99	29.99
	SD	.299	.287	.294	.247	.209	.174	.137	.151	.194	.254	.285	.284	.244
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	29.95	30.02	29.99	29.92	29.94	29.93	29.98	29.99	30.01	30.03	29.97	29.99	29.98
	SD	.291	.281	.287	.233	.200	.164	.134	.147	.190	.242	.279	.281	.237
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1900	MEAN	29.98	30.04	30.00	29.93	29.95	29.93	29.97	29.99	30.02	30.05	29.99	30.01	29.99
	SD	.282	.278	.279	.222	.186	.155	.130	.140	.184	.231	.276	.280	.230
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
2200	MEAN	29.98	30.04	30.02	29.95	29.96	29.94	29.99	30.01	30.03	30.06	29.99	30.01	30.00
	SD	.280	.282	.280	.220	.183	.155	.126	.138	.184	.235	.277	.280	.230
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
ALL HOURS	MEAN	29.97	30.04	30.01	29.93	29.96	29.94	30.00	30.01	30.03	30.05	29.99	30.01	29.99
	SD	.292	.287	.288	.240	.197	.169	.135	.147	.190	.247	.280	.278	.238
	TOT OBS	2480	2256	2480	2400	2480	2400	2478	2480	2400	2480	2400	2480	29214

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	29.28	29.35	29.33	29.25	29.28	29.25	29.31	29.32	29.35	29.36	29.30	29.32	29.31
	SD	.283	.283	.278	.230	.183	.161	.128	.138	.180	.238	.273	.268	.230
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0400	MEAN	29.28	29.35	29.32	29.24	29.27	29.25	29.31	29.31	29.34	29.36	29.30	29.32	29.30
	SD	.289	.286	.284	.240	.191	.168	.133	.143	.185	.245	.273	.266	.234
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	29.29	29.36	29.33	29.26	29.29	29.27	29.33	29.33	29.36	29.37	29.31	29.32	29.32
	SD	.294	.288	.287	.252	.197	.174	.135	.147	.189	.252	.275	.268	.239
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1000	MEAN	29.31	29.38	29.35	29.26	29.30	29.27	29.33	29.34	29.37	29.38	29.32	29.34	29.33
	SD	.296	.286	.291	.253	.203	.176	.136	.150	.193	.257	.280	.274	.242
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1300	MEAN	29.28	29.35	29.33	29.25	29.28	29.26	29.32	29.33	29.35	29.36	29.29	29.31	29.31
	SD	.293	.282	.289	.242	.204	.170	.133	.146	.190	.250	.280	.278	.239
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	29.27	29.33	29.31	29.23	29.26	29.25	29.30	29.31	29.33	29.34	29.28	29.30	29.29
	SD	.286	.276	.282	.229	.196	.160	.131	.143	.186	.238	.274	.276	.232
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1900	MEAN	29.30	29.35	29.32	29.24	29.26	29.24	29.29	29.30	29.33	29.36	29.30	29.33	29.30
	SD	.276	.273	.274	.218	.182	.152	.126	.136	.180	.227	.270	.274	.226
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
2200	MEAN	29.30	29.36	29.33	29.26	29.28	29.26	29.31	29.32	29.35	29.37	29.30	29.33	29.31
	SD	.275	.277	.275	.216	.179	.151	.123	.134	.180	.231	.272	.275	.225
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
ALL HOURS	MEAN	29.29	29.35	29.33	29.25	29.28	29.26	29.31	29.32	29.35	29.36	29.30	29.32	29.31
	SD	.287	.282	.283	.235	.193	.165	.131	.143	.186	.243	.275	.273	.234
	TOT OBS	2480	2256	2480	2400	2480	2400	2478	2480	2400	2480	2400	2480	29214

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
PP	AA AA	RR RR	TT	GGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.5			930	.4			930	.3	.1		930	.4			930
CATEGORY B	3.5	1.8	.7	1036	4.2	2.2	.6	1036	4.3	2.1	.3	1077	6.4	2.7	.4	1105

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.2			930	.3			930	.2	.1		930	.5			930
CATEGORY B	7.5	3.1	.5	1062	5.0	2.2	.5	1105	5.5	3.1	.3	1033	4.0	2.1	.2	1043

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.3	.0		4650	.4	.0		7440
CATEGORY B	5.7	2.6	.4	5382	5.1	2.4	.4	8497

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.1			846	.2			846	.2	.2	.1	846	.7	.4	.1	846
CATEGORY B	1.1	.3	.1	945	2.5	1.1	.1	935	3.4	1.2	.6	996	5.7	2.6	.4	1020

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.8	.4	.2	846	.8	.5		846	.5	.1		846	.2	.1		846
CATEGORY B	6.5	2.9	1.2	986	4.2	2.8	.9	996	3.4	2.3	.7	938	2.6	1.2	.3	939

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.6	.3	.1	4230	.5	.2	.1	6768
CATEGORY B	4.7	2.4	.8	4936	3.7	1.8	.6	7755

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.5			930	.4	.2		930	.9	.2		930	1.1	.6		930
CATEGORY B	3.6	2.3	.6	1023	3.0	2.3	.5	1046	4.3	2.4	.7	1100	7.1	4.5	.9	1116

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.8	.2		930	.3			930	.1			930	.4	.1		930
CATEGORY B	6.0	2.6	.6	1075	6.2	2.3	.5	1056	3.4	1.9	.5	1035	4.0	1.6	.4	1018

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.6	.2		4650	.6	.2		7440
CATEGORY B	5.4	2.7	.6	5382	4.7	2.5	.6	8469

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.3	.1		900				900	.4	.3		900	1.4	.4		900
CATEGORY B	3.0	1.4	.6	994	1.7	1.0	.1	999	4.5	2.2	.7	990	9.2	5.0	1.2	1022

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	1.8	.9	.1	900	1.0	.2		900	.3	.1		900	.6			900
CATEGORY B	12.6	7.2	2.4	1005	9.8	4.5	1.3	1022	3.6	2.2	.4	997	3.5	2.1	.4	967

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	1.0	.4	.0	4500	.7	.3	.0	7200
CATEGORY B	8.0	4.2	1.2	5036	6.0	3.2	.9	7996

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

.....
TIME (LST) 0000 - 0200 0300 - 0500 0600 - 0800 0900 - 1100
SPEED (KTS) GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS
CATEGORY A .1 930 .1 930 930 .3 .1 930
CATEGORY B 1.3 .4 .2 1018 .8 .2 .1 1047 1.4 .8 .1 1052 3.4 1.3 .3 1023
.....

.....
TIME (LST) 1200 - 1400 1500 - 1700 1800 - 2000 2100 - 2300
SPEED (KTS) GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS
CATEGORY A .4 930 .3 .1 930 930 .1 930
CATEGORY B 6.3 2.7 .5 1017 6.5 2.1 .2 1019 2.2 .6 1006 2.6 .9 .1 1005
.....

.....
TIME (LST) 0600 - 2000 ALL HOURS
SPEED KTS GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS
CATEGORY A .2 .0 4650 .2 .0 7440
CATEGORY B 3.9 1.5 .2 5117 3.0 1.1 .2 8187
.....

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.1	.1		900				900				900				900
CATEGORY B	.6	.3	.1	977	.6	.3		1015	.7	.2		1011	2.3	.5		993

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.2			900	.3	.1		900				900				900
CATEGORY B	5.8	2.3	.5	1022	4.5	1.5	.4	979	1.0	.8	.2	991	.7	.4		982

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.1	.0		4500	.1	.0		7200
CATEGORY B	2.9	1.1	.2	4996	2.0	.8	.2	7970

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.3	.1		975	.1	.1	.1	1016	.2	.1	.1	1034	.8	.1		997

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A				930				930				928				927
CATEGORY B	2.5	.8	.1	1011	2.3	1.1	.2	1056	.8	.2		988	.1			971

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A				4648				7435
CATEGORY B	1.3	.5	.1	5086	.9	.3	.1	8048

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.1			930				930	.1			930				930
CATEGORY B	.5	.1		972	.5	.1		1010	.3	.1		1013	1.6	.6		997

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.1			930	.1			930				930				930
CATEGORY B	2.9	1.5	.4	1026	1.5	.6	.1	1019	.5	.1	.1	980	.3	.2		959

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.1			4650	.1			7440
CATEGORY B	1.4	.6	.1	5035	1.0	.4	.1	7976

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.1			900				900				900				900
CATEGORY B	.5	.2	.1	967	.7	.2		1008	1.1	.2		1008	2.6	.8	.1	979

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A				900	.1	.1		900	.3	.1		900	.3	.2	.2	900
CATEGORY B	2.9	1.3	.1	968	2.4	.9	.2	973	1.6	.9	.5	963	1.7	.9	.3	965

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.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.1	.0		4500	.1	.1	.0	7200
CATEGORY B	2.1	.8	.2	4891	1.7	.7	.2	7831

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A				930				930				930	.2	.1		930
CATEGORY B	1.3	.7		991	1.3	.5		999	1.4	.4		1043	3.5	1.7	.2	1046

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.6			930	.4			930	.1			930				930
CATEGORY B	5.1	2.6	.3	1002	5.0	2.8	.6	1008	2.3	1.0	.2	989	1.7	.7		991

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.3	.0		4650	.2	.0		7440
CATEGORY B	3.5	1.7	.3	5088	2.7	1.3	.2	8069

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

.....
TIME (LST) 0000 - 0200 0300 - 0500 0600 - 0800 0900 - 1100
SPEED (KTS) GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS
CATEGORY A .4 .2 900 .1 900 .1 900 .2 900
CATEGORY B 3.2 1.3 .3 978 1.8 .9 .1 1001 4.7 2.7 .7 1003 6.7 2.8 .7 1017
.....

.....
TIME (LST) 1200 - 1400 1500 - 1700 1800 - 2000 2100 - 2300
SPEED (KTS) GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS
CATEGORY A .3 .2 900 900 .4 .1 900 .6 .1 900
CATEGORY B 6.2 3.4 .3 1019 6.1 2.8 .6 1010 5.2 2.8 .8 979 4.4 1.9 .5 979
.....

.....
TIME (LST) 0600 - 2000 ALL HOURS
SPEED KTS GE17 GE20 GE25 OBS GE17 GE20 GE25 OBS
CATEGORY A .2 .1 4500 .3 .1 7200
CATEGORY B 5.8 2.9 .6 5028 4.8 2.3 .5 7986
.....

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB, OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.2			930	.3			930	.1	.1		930	.1			930
CATEGORY B	3.6	1.8	.3	1034	2.9	1.5	.2	1031	2.6	1.3	.3	1091	3.9	1.4	.2	1109

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	1.0	.1		930	.4	.2		930	.4	.2		930	.2			930
CATEGORY B	5.6	3.0	.7	1072	3.7	2.1	.6	1050	3.9	2.0	.3	1027	4.0	1.9	.4	1056

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.4	.1		4650	.3	.1		7440
CATEGORY B	3.9	1.9	.4	5349	3.8	1.9	.4	8470

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.2	.0		10956	.1	.0		10956	.2	.1	.0	10956	.4	.1	.0	10956
CATEGORY B	1.9	.9	.3	11910	1.7	.9	.1	12143	2.4	1.1	.3	12418	4.5	2.0	.4	12424

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.5	.1	.0	10956	.3	.1		10956	.2	.1		10954	.2	.0	.0	10953
CATEGORY B	5.8	2.8	.6	12265	4.8	2.1	.5	12293	2.8	1.5	.3	11926	2.5	1.2	.2	11875

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE20	GE25	OBS	GE17	GE20	GE25	OBS
CATEGORY A	.3	.1	.0	54778	.3	.1	.0	87643
CATEGORY B	4.1	1.9	.4	61326	3.3	1.6	.3	97254

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HH
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHH	HH
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

H - 1 - 1

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: JAN 51 - JUL 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1951	1385	****	1048	676	292	115	25	90	241	470	1045	1213	6600
1952	1288	1153	1130	609	398	82	17	34	176	637	790	1019	7333
1953	1207	1082	1013	754	356	98	32	19	210	419	704	1055	6949
1954	1408	992	1168	655	483	85	45	59	176	470	771	1223	7535
1955	1349	1174	1115	504	301	81	8	19	201	408	931	1303	7394
1956	1328	1252	1225	784	483	127	61	63	328	381	844	1134	8010
1957	1523	1118	1113	617	432	137	30	63	226	562	785	1098	7704
1958	1333	1312	1000	635	400	195	38	42	176	422	784	1452	7789
1959	1516	1351	1173	672	264	79	12	4	153	530	998	1078	7830
1960	1282	1212	1330	643	341	120	45	50	184	511	730	1359	7807
1961	1468	1100	1033	774	460	171	35	45	127	440	810	1197	7660
1962	1512	1360	1068	682	294	138	40	57	270	474	865	1331	8091
1963	1624	1474	1085	652	466	105	31	83	250	289	699	1430	8188
1964	1247	1185	1090	656	276	168	22	112	256	598	760	1235	7605
1965	1442	1236	1270	852	311	167	85	89	220	572	842	1042	8128
1966	1498	1139	982	760	523	114	14	52	233	516	862	1263	7956
1967	1280	1367	1142	706	576	47	53	82	202	488	951	1155	8049
1968	1405	1392	977	595	512	145	65	85	113	472	845	1284	7890
1969	1352	1198	1179	668	440	211	40	17	201	534	832	1213	7885
1970	1525	1257	1170	624	380	134	6	20	131	394	789	1179	7609
1973	1233	1230	832	661	440	48	12	12	209	325	779	1187	6968
1974	1277	1304	1069	621	492	90	15	****	285	653	837	1109	7752
1975	1251	1118	1161	****	****	76	25	17	236	361	609	1219	6073
1976	1541	1144	976	610	464	48	19	45	228	597	959	1438	8069
1977	1591	1229	914	585	269	178	26	74	127	507	775	1211	7486

1978	1442	1336	1190	778	296	116	39	21	151	507	761	1229	7866
1979	1531	1450	1014	748	412	139	21	86	193	525	802	1024	7945
1980	1307	1300	1134	696	347	201	16	6	170	630	882	1314	8003

1981	1464	1088	989	624	393	88	37	39	239	619	815	1168	7563
1982	1537	1230	1104	758	270	224	30	137	232	476	805	944	7747
1983	1224	1074	975	688	414	88	14	15	174	498	809	1361	7334
1984	1493	1006	1234	652	436	101	13	16	235	450	821	1090	7547
1985	1454	1237	1006	575	279	141	11	43	189	561	846	1374	7716

1986	1363	1178	986	575	302	158	43	67	186	554	926	1098	7436
1987	1266	1100	898	556	293	63	31	34	140	613	728	980	6702
1988	1343	1308	1026	648	259	128	13	51	153	610	773	1202	7514
1989	1136	1294	1134	724	335	123		57	206	490	940	1502	7941
1990	1061	1096	960	577	407	99	37						4237

MEAN	1381	1218	1076	664	380	121	29	50	200	501	824	1208	
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SD	132.31	117.86	108.30	74.98	87.13	45.54	17.85	31.65	47.54	89.29	87.59	138.05	
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****SPL 30YR SUMMATION (1951 -1980)****

MEAN	1398	1239	1092	674	396	121	31	49	202	489	822	1214	
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SD	119.94	117.72	108.60	75.76	89.46	46.30	18.66	30.61	51.13	93.27	94.15	121.46	
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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 726395

STATION NAME: WURTSMITH AFB/OSCODA MI
LST TO UTC: + 5

PERIOD OF RECORD: JAN 51 - JUL 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1951		****			9	34	115	42	20	3			223
1952						107	214	95	64				480
1953					14	98	169	155	63				499
1954						110	112	77	25	2			326
1955					25	81	242	262	48	4			662
1956					12	110	65	107	8	3			305
1957				7	10	76	137	71	23				324
1958					6	16	119	129	34				304
1959					34	132	178	245	96	1			686
1960					2	42	80	76	44				244
1961					12	52	133	99	113				409
1962				5	74	45	76	84	17	2			303
1963						72	160	55	9	6			302
1964				1	46	109	183	57	40				436
1965					22	63	61	110	39	1			296
1966					9	107	192	105	13				426
1967						91	114	76	22	8			311
1968						60	142	146	21	9			378
1969					21	39	147	197	40				444
1970				6	22	86	235	172	68	9			598
1971				2		75	180	229	86	6			578
1974				3	4	49	190	****	25				271
1975				****	****	91	195	161	3	7			457
1976				9		156	136	132	37				470
1977					43	51	169	95	21				379

1978		56	79	127	139	54		455
1979		22	76	171	67	41	14	391
1980		17	51	177	206	42		493

1981		6	61	118	88	19		292
1982		12	3	112	35	29		191
1983			120	289	202	76	5	692
1984		1	77	132	167	20		397
1985	12	29	37	152	131	75		436

1986		45	43	194	64	21		367
1987		64	129	260	160	16		629
1988		32	118	216	217	22	3	608
1989		7	40	213	129	34		423
1990	28		76	102				206

MEAN		1	17	75	158	127	38	2
SD		5.24	19.67	34.38	53.51	60.04	25.98	3.48

****SPL 30YR SUMMATION (1951 -1980)****

MEAN		1	17	77	150	125	39	2
SD		2.52	19.12	32.05	47.78	60.68	26.94	3.78

A W S CLIMATIC BRIEF FEB 91	STATION NAME: WURTSMITH AFB MI												FIELD ELEV: 634 FT		
	LATITUDE/LONGITUDE: 44 27 N 083 24 W												STATION MSC: 726395		
	HOURLY OBS POR: AUG 80 - JUL 90												CALL SIGN: KOSC		
	SUMMARY OF DAY POR: AUG 43-OCT 45, JAN 51-JUL 90												SUPERSEDES: JUN 87		
	HOURS SUMMARIZED: 0000 - 2300 LST														
	LST TO UTC: +05														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	60	61	78	91	95	100	101	99	99	86	74	64	101	42	
MEAN MAX TEMP (F)	27	29	37	51	63	74	79	77	69	57	44	32	53	42	
MEAN TEMP (F)	20	21	30	42	53	63	69	67	59	48	37	26	45	42	
MEAN MIN TEMP (F)	12	13	22	33	42	52	58	57	49	39	30	19	36	42	
EXTRM MIN TEMP (F)	-22	-23	-10	6	21	30	35	33	27	16	3	-16	-23	42	
D/W TEMP GE 90 (F)	0	0	0	#	1	2	3	2	1	0	0	0	9	42	
D/W TEMP GE 80 (F)	0	0	0	1	3	8	14	12	4	1	0	0	43	42	
D/W TEMP LT 33 (F)	30	27	27	15	4	#	0	0	1	7	19	28	158	42	
D/W TEMP LT 0 (F)	5	4	1	0	0	0	0	0	0	0	0	2	12	42	
HEATING DEGREE DAYS	1381	1218	1076	664	380	121	29	50	200	501	824	1208	7652	40	
COOLING DEGREE DAYS	0	0	0	1	17	75	158	127	38	2	0	0	418	40	
MEAN DEWPOINT TEMP (F)	13	15	21	30	41	51	58	57	50	38	28	18	35	10	
MEAN WET BULB TEMP (F)	20	21	28	37	48	56	62	61	54	43	33	23	41	10	
99.95% WCPA (FT)	1450	1400	1400	1350	1200	1100	950	1000	1100	1250	1400	1400	1300	10	
MEAN REL HUM 07 LST(%)	73.0	74.1	74.3	69.9	72.3	76.3	78.6	82.5	84.0	80.9	78.2	75.5	76.6	10	
MEAN REL HUM 13 LST(%)	64.0	63.1	59.5	51.8	54.9	56.1	55.6	59.7	62.1	62.0	65.6	66.9	60.1	10	
MAX 24HR PRECIP (IN)	1.69	1.17	1.30	2.50	2.14	3.74	2.40	2.25	3.20	2.42	1.64	1.77	3.74	42	
MAX PRECIP (IN)	3.87	3.63	4.27	5.71	8.24	6.48	5.06	7.35	9.05	5.73	5.46	5.64	44.30	42	
MEAN PRECIP (IN)	1.76	1.54	2.15	2.47	2.80	2.86	2.67	3.27	2.99	2.31	2.49	2.17	29.63	42	
MIN PRECIP (IN)	.30	.09	.20	.55	.25	.54	.15	.44	.07	.04	.34	.40	17.10	42	
D/W PRECIP GE .01 (IN)	14	12	11	10	10	9	8	9	11	10	12	14	130	42	
D/W PRECIP GT .50 (IN)	1	1	1	1	2	2	2	2	2	1	2	1	18	42	
MAX 24HR SNFL (IN)	13.2	12.3	11.6	7.0	1.6	0	0	0	.2	1.2	13.0	13.6	13.6	42	
MAX SNFL (IN)	37.5	35.3	28.0	12.9	1.6	0	0	0	.2	1.2	19.4	38.9	98.4	42	
MEAN SNFL (IN)	16.3	13.1	10.4	2.5	.1	0	0	0	0	.1	4.8	13.2	60.4	42	
D/W SNFL GE .1 (IN)	13	11	7	2	1	0	0	0	#	1	4	11	50	42	
D/W SNFL GE 1.5 (IN)	4	3	2	1	#	0	0	0	0	0	1	3	14	42	
MAX DLY SNO DEPTH (IN)	23	34	21	7	1	0	0	0	0	1	17	19	34	42	
PRVING WND DIR (DEG)	20-22	20-22	\$29-31	\$29-31	\$05-07	\$20-22	\$20-22	\$20-22	\$20-22	20-22	20-22	20-22	\$20-22	10	
MEAN WND SPD (KTS)	7	7	7	7	6	5	5	4	5	6	7	7	6	10	
MAX WND SPD (KTS)	64	53	50	58	51	72	64	48	53	51	52	57	72	42	
SKY COVER GT 5/10 (%)	71.3	69.9	60.9	62.0	58.7	52.7	48.9	53.0	56.1	64.5	73.2	75.9	62.2	10	
D/W THUNDERSTORMS	#	#	1	2	4	6	7	6	4	1	1	1	33	42	
D/W FOG (VSBY LT 7 MI)	11	10	12	10	10	12	12	14	13	13	13	11	141	42	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH # = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	37.3	32.2	26.0	16.9	14.3	11.7	8.2	11.8	19.1	22.8	30.4	38.2	22.4	10
	03 - 05	36.1	33.8	28.9	19.1	17.7	15.0	10.3	18.2	23.1	23.3	34.0	39.0	24.9	10
	06 - 08	35.4	36.8	31.0	19.7	20.8	14.4	11.1	24.7	28.8	25.2	38.7	43.1	27.5	10
	09 - 11	37.3	37.7	30.1	22.4	19.6	13.9	8.4	18.2	24.2	27.1	36.9	43.7	26.6	10
	12 - 14	35.6	34.9	29.0	20.8	18.4	10.8	4.7	12.0	20.2	24.7	35.3	39.4	23.8	10
	15 - 17	33.4	33.5	24.8	20.1	14.5	8.4	5.8	7.3	17.4	21.3	32.6	37.6	21.4	10
	18 - 20	33.2	30.5	23.7	17.9	11.9	8.3	4.6	7.3	17.1	20.2	31.8	38.4	20.4	10
	21 - 23	34.8	30.3	22.6	16.0	13.3	9.0	6.9	9.1	18.0	19.5	31.3	37.3	20.7	10
	ALL	35.4	33.7	27.0	19.1	16.3	11.4	7.5	13.6	21.0	23.0	33.9	39.6	23.4	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	18.9	20.0	17.3	12.1	11.8	8.6	6.2	9.0	15.0	14.0	15.7	19.5	14.0	10
	03 - 05	18.6	20.3	19.4	13.7	13.7	11.2	9.1	14.9	16.9	14.5	18.4	21.3	16.0	10
	06 - 08	19.4	24.0	20.5	14.1	15.5	12.3	8.8	20.6	23.1	17.5	21.1	24.2	18.4	10
	09 - 11	20.5	25.7	19.2	13.0	11.1	9.1	4.4	11.4	18.1	15.8	20.7	27.0	16.3	10
	12 - 14	18.2	22.9	15.5	10.7	9.1	6.2	1.8	6.6	11.6	10.8	17.7	24.1	12.9	10
	15 - 17	16.0	20.8	17.0	10.2	7.2	4.9	3.1	3.9	10.0	9.7	15.8	18.5	11.4	10
	18 - 20	16.3	21.2	16.1	11.6	7.0	5.2	2.9	4.5	11.3	10.5	17.2	17.7	11.8	10
	21 - 23	17.5	20.4	13.8	10.8	9.0	6.6	4.7	6.1	14.0	11.6	16.2	17.3	12.3	10
	ALL	18.2	21.9	17.4	12.0	10.6	8.0	5.2	9.6	15.0	13.1	17.8	21.2	14.1	10
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	12.7	14.1	13.3	11.1	9.1	6.4	3.5	4.7	10.8	9.5	12.6	13.0	10.1
03 - 05		12.4	14.2	14.6	12.3	10.0	8.2	5.9	10.0	12.9	10.4	12.4	15.4	11.6	10
06 - 08		13.1	19.0	16.1	11.6	12.7	8.6	5.8	13.3	16.1	12.6	14.1	17.1	13.3	10
09 - 11		13.4	20.8	14.8	9.8	8.2	6.4	2.5	6.7	12.7	11.5	13.9	19.6	11.7	10
12 - 14		11.9	17.3	10.9	8.0	5.1	4.3	.8	3.1	6.2	6.2	12.8	17.6	8.7	10
15 - 17		11.3	16.0	11.4	7.2	4.5	3.2	1.5	1.9	5.7	6.2	12.0	14.4	7.9	10
18 - 20		11.2	16.1	12.2	8.3	5.2	3.3	2.0	2.7	8.0	7.0	13.7	12.4	8.5	10
21 - 23		11.6	15.0	11.8	8.8	6.6	4.6	2.2	3.1	9.7	7.5	12.9	12.2	8.8	10
ALL		12.2	16.5	13.1	9.6	7.7	5.6	3.0	5.7	10.2	8.9	13.0	15.2	10.0	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	.2	2.8	1.1	1.0	.9	1.4	1.5	.5	1.6	2.7	1.0	1.1	1.3
	03 - 05	.6	2.2	1.4	2.0	1.4	1.9	1.8	1.1	2.9	2.3	1.6	1.5	1.7	10
	06 - 08	.4	2.0	2.4	2.0	2.7	1.1	.9	1.4	2.3	2.3	2.0	3.0	1.9	10
	09 - 11	.5	2.4	1.6	1.2	.2	.4	.2	.1	.6	1.2	1.1	1.9	.9	10
	12 - 14	.2	2.6	.5	.7	.0	.1	.0	.0	.1	.0	.2	1.2	.5	10
	15 - 17	.6	.8	1.6	.9	.0	.1	.0	.0	.1	.1	.3	1.2	.5	10
	18 - 20	1.5	1.4	1.9	.2	.3	.1	.0	.1	.3	.8	.1	1.3	.7	10
	21 - 23	.9	1.1	1.6	1.2	1.2	.7	.5	.8	.6	1.8	.7	.9	1.0	10
	ALL	.6	1.9	1.5	1.2	.8	.7	.6	.5	1.1	1.4	.9	1.5	1.1	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

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